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Dept. of Natural Resources  
Bureau of Pollution Control

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4WD-RCRA

Mr. Fred Ahlers, Manager  
Vicksburg Chemical  
Post Office Box 3  
Rifle Range Road  
Vicksburg, Mississippi 39180

Dear Mr. Ahlers:

Enclosed please find a copy of the report generated following the RCRA Environmental Investigation conducted at your facility on February 18 and 19, 1987.

The analyses are provided to you pursuant to Section 3007 of the Solid Waste Disposal Act.

Sincerely yours,

Allan E. Antley, Chief  
Waste Compliance Section

cc: [redacted], Director  
MS Bureau of Pollution Control

RCRA ENVIRONMENTAL INVESTIGATION  
CEDAR CHEMICAL COMPANY  
VICKSBURG, MISSISSIPPI  
FEBRUARY 1987

## INTRODUCTION

On February 18 and 19, 1987, Mr. William R. Bokey, Dr. Jerry Stober, Mr. William Davis and Mr. Mike Bowden, United States Environmental Protection Agency (EPA), Region IV, Environmental Services Division (ESD), conducted a RCRA environmental investigation at the Cedar Chemical Company (also known as Vertac Chemical Company and Vicksburg Chemical Company), Vicksburg, Mississippi. The investigation was requested by the EPA, Region IV, Waste Management Division, RCRA Branch, Waste Compliance Section. Mr. John Hill, plant environmental engineer, accompanied the field investigative personnel while sampling at the facility.

Split samples were requested and provided to the facility for all soil samples as well as the North Plant wastewater discharge, combined wastewater discharge and the influent to the surface impoundment.

## BACKGROUND

The Cedar Chemical Company is located on Business Route 61 south of Vicksburg, Mississippi (Figure 1 and 2). The facility is separated into two plants referred to as the South Plant and the North Plant. The North Plant produces nitrogen tetroxide, chlorine, and potassium nitrate, and the South Plant produces or has produced nitric acid and a wide variety of organic chemicals including: 2-sec-butyl-4,6-dinitrophenol (DNBP/dinoseb), methyl parathion, atrazine, dimethyl urea, toxaphene, isopropyl amine, monosodium methanearsonate (MSMA) and cyanuric chloride. It should be noted that the Perkins Company is located adjacent to the South Plant, Figure 2, and produces formaldehyde via the oxidation of methanol.

On October 28, 1981, EPA, ESD, personnel performed an investigation at the site. The primary emphasis of this field study was to investigate a waste disposal area located southwest of the facility's "surface impoundment". The area covered approximately 30 acres and was allegedly used for the disposal and storage of various waste materials including cyanuric chloride from the atrazine process, dimethyl urea, isopropyl amine, dinoseb, sodium nitrophenol and spent activated carbon (from the facility's wastewater treatment process). Samples collected during this investigation of the sediment and the depositional material near the land disposal area contained elevated concentrations of cyanazine, atrazine, toxaphene and dinoseb.

The facility has recently installed four piezometers and thirteen ground water monitoring wells. Subsequent sampling of the wells have detected hazardous constituents (dinoseb, arsenic, etc.) in the shallow ground water underlying the facility (1).

## OBJECTIVES

Sediment, soil, surface water, ground water and benthic samples were collected during this investigation to :

- o Verify the levels of contamination reported in several of the facility's monitoring wells.
- o Determine if the soil around the South Plant is contaminated with chemicals used-produced at the facility.
- o Evaluate macroinvertebrate samples, as well as the surface water and sediment samples, collected in the adjacent streams to ascertain the impact of plant runoff on the streams.
- o Determine if the facility is in compliance with its National Pollution Discharge Elimination System (NPDES) permit requirements.

Information of the facility's compliance with the NPDES permit is provided in Appendix A. Information on all other samples collected during the evaluation will be presented in the subsequent sections.

## GEOLOGY/HYDROGEOLOGY

Based on information provided in the Final Report-Groundwater Assessment Program, Vertac Chemical Corporation, Vicksburg, Mississippi (1), a summary of the depths and types of soils underlying the site are listed below:

- o A silty clay (fill) extends from the surface to a depth of less than 10 feet.
- o A Pleistocene loess, characterized as silty clay - clayey silt extends from 10 to 50 feet below the surface (includes the surficial aquifer).
- o The loess is underlain by a marl (Bryam member of the Vicksburg formation) which constitutes the bottom of this shallow aquifer. A thin layer (1-2 feet) of sandy clay - clayey sand was detected atop the marl in most locations during monitoring well installation.

The surficial aquifer is approximately 40 feet thick consisting of Pleistocene loess. The direction of ground water movement is generally towards Stouts or Hennesseys Bayou. It was also reported that ground water gradients were relatively slight in the general plant area, but increased dramatically in the areas adjacent to the bayous.

## SUMMARY

Numerous chemical compounds used and/or produced by the facility, presently or in the past, were detected in the ground water samples, stream samples (both water and sediment) and soil samples. The highest concentrations of organic compounds were identified in the soil samples

collected around the old atrazine production area and the dinoseb production area. The low abundance and diversity of macroinvertebrates in the stream samples made it difficult to conclude impacts to the streams were occurring due to contaminants in the runoff from the plant. The one exception was the runoff/discharge into the drainage ditch originating from the North Plant where zero aquatic taxa was identified. This indicates that the drainage ditch was adversely impacted by the contaminants in the runoff/discharge from the North Plant.

#### DISCUSSION OF RESULTS

Twenty eight samples (14 soil/sediment, eight surface water, one influent to the surface impoundment, and five ground water) were collected during the investigation. Sample locations are shown in Figures 1 and 2 and are described in Table 1. The analytical results of samples collected during the field investigation are summarized in Tables 2, 3, 4, and 5. Complete analytical results are attached in Appendix B. Field measurements (i.e. temperature, pH and specific conductivity) are provided in Table 6.

#### Ground Water Samples

The analytical results for the five ground water monitoring well samples collected during the investigation are shown in Table 2. Well monitoring specifications are provided in Table 7. A review of the data indicates well locations MW-1, MW-2, MW-6, and MW-8 were contaminated with numerous organic compounds. It should be noted that no organic compounds were detected in the upgradient monitoring well MW-4. The most contaminated monitoring well sampled was monitoring well MW-1. The well is located east of the dinoseb production area. Eleven organic compounds were identified in the monitoring well ranging in concentrations from an estimated concentration of 2 ug/l of presumptive evidence of tetrachlorophenol to 562 ug/l of dinoseb. Other organic compounds of interest detected in MW-1 were pentachlorophenol (68 ug/l), presumptive evidence of the herbicide bromacil (estimated concentration of 3 ug/l), the herbicide atrazine (26 ug/l) and the herbicide cyanazine (estimated concentration of 6.6 ug/l). Metals concentrations detected in MW-1 were not significantly different than those detected in MW-4 (upgradient well). It should be noted that the sample collected had a green tint as well as a high conductivity, (4500 umhos/cm @ 25°C), Table 6.

Five organic compounds were detected in monitoring well MW-8, located south west of the dinoseb production area and east of the old atrazine production area. Some of the organic compounds identified were cyanazine (0.82 ug/l), atrazine (63 ug/l) and vinyl chloride (estimated concentration of 2.5 ug/l). Metals concentrations detected in MW-8 were not significantly different than those detected in the upgradient well, except for arsenic. Arsenic was detected at 67 ug/l which exceeds the maximum allowable concentration listed in the interim primary drinking water criteria (2) of 50 ug/l.

Two organic compounds were detected in monitoring well MW-2 (phenol at an estimated concentration of 1.0 ug/l and presumptive evidence of petroleum products) and three organic compounds were identified in MW-6 (cyanazine at 1.2 ug/l, atrazine at a concentration of 3.9 ug/l, and presumptive evidence of petroleum products). MW-6 is located south of the inactive disposal area and MW-2 is located south west of the South Plant. Inorganic elements/compounds detected in both wells were not significantly different than those detected in MW-4 (upgradient well). The only exceptions were in MW-2 where aluminum was detected at 26,000 ug/l and in MW-6 where cyanide was detected at 0.008 mg/l.

It should be noted that several problems were identified with the construction of the monitoring wells sampled that could compromise the integrity of the wells. They were:

- No protective casings or locking well caps were on MW-1, MW-2, MW-6 or MW-8.
- MW-4 had a protective casing but the cap was not locked.
- MW-6 casing was broken off at the ground surface and it appeared that surface runoff could enter the well.

#### Influent to the Surface Impoundment

A grab sample (P-01) was collected from the influent pipe that discharges to the surface impoundment. A review of the data showed it to contain numerous organic compounds including several pesticides (see Table 2). The concentrations of the compounds detected ranged from an estimated concentration of 0.011 ug/l of the insecticide methyl parathion to presumptive evidence of dinoseb at an estimated concentration of 200 ug/l. Metals concentrations detected that should be noted are arsenic and sodium at concentrations of 140 ug/l and 610 mg/l, respectively. The pH of the sample was also high at 12.5 standard units.

#### Soil Samples

Six soil samples were collected from various areas around the South Plant. The data is presented in Table 3. An areal composite soil sample (CC-01) was collected from an area where runoff from the South Plant flowed and eventually entered Hennesseys Bayou. Numerous organic compounds were identified at this location including several pesticides or their degradation products. The compounds heptachlor epoxide (38 ug/kg), alpha isomer of benzene hexachloride (66 ug/kg), toxaphene (6,700 ug/kg), presumptive evidence of cyanazine (estimated concentration of 6,000 ug/kg), presumptive evidence of atrazine (estimated concentrations of 100,000 ug/kg) and presumptive evidence of propazine (estimated concentration of 7,000 ug/kg). Ten polynuclear aromatic hydrocarbons (PAH) were also detected at concentrations ranging from an estimated concentration of 690 ug/kg of anthracene to an estimated concentration of 5,200 ug/kg of pyrene. In addition, there was presumptive evidence of two purgeable organic compounds detected at an estimated concentrations of 8 ug/kg (dimethyldisulfide) and 30 ug/kg (methylsulfide). Metals concentrations detected in the sample ranged from 8.4 mg/kg of yttrium to 30,000 mg/kg of calcium.

Three pesticides were detected in the areal composite soil sample (CC-02) collected from the area adjacent to the present drum storage area (old atrazine plant). They were cyanazine (240 ug/kg), toxaphene (3,700 ug/kg), and atrazine (5,000 ug/kg). Metals concentrations ranged from 7.4 mg/kg of yttrium to 85,000 mg/kg of calcium. Arsenic was also detected at a concentration of 550 mg/kg in sample CC-02.

Numerous organic compounds were detected in the areal composite soil sample (CC-03) collected from the "junk yard". The pesticides detected included the alpha isomer of benzene hexachloride (170 ug/kg), cyanazine (estimated concentration of 30 ug/kg), atrazine (5,400 ug/kg) and presumptive evidence of propazine (estimated concentration of 3,000 ug/kg). Ten PAH's compounds were identified in the soil sample ranging from estimated concentrations of 800 ug/kg (indeno (1,2,3-CD) pyrene) to 1,700 ug/kg (pyrene and fluoranthene). In addition, polychlorinated biphenyls (PCBs) were detected at 710 ug/kg. Metals concentrations ranged from 0.1 mg/kg of mercury to 28,000 mg/kg of calcium.

A composite soil sample (CC-04) was collected north of the dinoseb production area. There was atrazine (4,000 ug/kg) and dinoseb (640,000 ug/kg) detected in the sample. Eight PAH's were detected at estimated concentrations ranging from 840 ug/kg of benzo (A) anthracene to 5,900 ug/kg of fluoranthene. There was also presumptive evidence of tetrachlorobiphenyl, pentachlorobiphenyl, and hexachlorobiphenyl each detected at an estimated concentration of 2,000 ug/kg. Four purgeable organic compounds were detected ranging from an estimated concentration of 2.8 ug/kg (xylene) to 340 ug/kg (acetone). Metals concentrations detected varied from 8.2 mg/kg of yttrium to 33,000 mg/kg of calcium.

An areal composite soil sample (CC-05) was collected along the railroad track (also adjacent to the dinoseb production area). The pesticides detected in the sample included atrazine (estimated concentrations of 32 ug/kg), toxaphene (47,000 ug/kg) and dinoseb (12,000 ug/kg). The PAH's detected in the sample were chrysene, pyrene, and fluoranthene at estimated concentrations of 800 ug/kg, 1,100 ug/kg, and 1,200 ug/kg, respectively. In addition, there was presumptive evidence of tri(ethylhexyl) phosphate detected at an estimated concentration of 20,000 ug/kg. The metals concentrations reported for the sample ranged from 10 mg/kg of yttrium to 22,000 mg/kg of calcium.

The soil grab sample (CC-06) collected from a drainage ditch adjacent to the surface impoundment, which discharges to Stouts Bayou, contained the fewest number of organic compounds of all the soil samples collected during the investigation. Atrazine (estimated concentration of 25 ug/kg) and PCB-1254 (200 ug/kg) were the only organic compounds detected. Metals concentrations reported ranged from 0.25 mg/kg of mercury to 42,000 mg/kg of calcium.

#### STREAM DESCRIPTION

A map of the facility showing the streams draining the site is presented in Figure 2. Stouts Creek drains the south side of the City of Vicksburg and flows along the eastern perimeter of the facility. Hatcher Creek drains the campus of the Corp of Engineers Waterway's Experiment Station and flows from the east. Both streams combine near the south end of the facility site to form Hennesseys Bayou which flows into the Mississippi River. A small unnamed stream was found parallel to Stouts Bayou near the North Plant which was separated from Stouts Bayou by a railroad track. The northern fork of this stream flowed from north of the site while a small southern fork received drainage from the North Plant. Both forks combined prior to flowing into Stouts Bayou. Another unnamed tributary drains the western perimeter of the South Plant. This tributary flows through a large wetland before entering Hennesseys Bayou near the railroad crossing.

Eight sampling stations were located on the streams adjacent to the plant site. The unnamed northern tributary was sampled at station A-1 located upstream of the plant below a culvert under Rifle Range Road. The south fork of this tributary was sampled at station A-3 below a culvert draining the North Plant. Station A-2 was located below a railroad bridge where both north and south forks of this tributary combined before entering Stouts Bayou. The upstream station on Stouts Bayou (B-1) was located about 100m downstream from Rifle Range Road Bridge. The downstream station (B-2) was located about 70m above the confluence with Hatcher Creek. Hatcher Creek was sampled at Station C-1 about 100m above Highway 61 bridge immediately above a pipeline crossing. The unnamed tributary draining the southwest perimeter of the plant was sampled at Station E-1 about 70m below the confluence of two small drainage ditches. Station D-1 was located the farthest downstream from the facility on Hennesseys Bayou below the confluence of the unnamed tributary. This station was located immediately below the Old Highway 61 Bridge.

The larger creek channels are very steep sided and V-shaped. The channels are carved through the deep erosive loess soil which characterizes the site. There is very little natural hard substrate (i.e., gravel and sand) in the channels except for a few man-made structures and assorted refuse in the streams. The extensive mud bottom and sides of these streams, as well as, the extreme fluctuations in the discharge, reduce the variety of habitats in these streams.

#### Stream Samples (Water/Sediment)

Eight surface water and eight sediment samples were collected during the investigation. The data for these samples are presented in Tables 4 and 5. Sample locations are shown in Figure 2. Upstream water samples were collected at A-1 (drainage ditch that discharges to Stouts Bayou), B-1 (Stouts Bayou) and C-1 (Hatcher Bayou). Metals concentrations in the upstream water samples ranged from 18 ug/l of zinc to 110 mg/l of calcium. There was no arsenic detected above the minimum detection limit in any of the upstream samples. The only extractable organic compounds detected were identified in sample B-1 (presumptive evidence of the plasticizer tri(butoxyethanol) phosphate at an estimated concentration of 3 ug/l) and sample C-1 (presumptive evidence of the herbicide atrazine at a concentration of 0.2 ug/l). No purgeable organics

were detected in the upstream samples B-1 and C-1, however, four purgeable organic compounds were detected in sample A-1. They were toluene (estimated concentration of 0.8 ug/l), dibromochloromethane (estimated concentration of 2.7 ug/l), bromodichloromethane (estimated concentration of 3.6 ug/l) and chloroform (5.1 ug/l). Cyanide was also detected in the upstream sample A-1 at 0.006 mg/l.

Upstream sediment samples were collected at the corresponding locations as the water samples and were designated as A-1S, B-1S, and C-1S, respectively. Metals concentrations in these three samples ranged from 6.0 mg/kg of arsenic in sample C-1S to 42,000 mg/kg of calcium in sample B-1S. No organic compounds were detected in samples B-1S and C-1S, however, three polycyclic aromatic hydrocarbons were detected in sample A-1S. They were fluoranthene, pyrene and chrysene detected at estimated concentrations of 1,300 ug/kg, 1,400 ug/kg and 1,300 ug/kg, respectively. These compounds may have originated from the railroad ties that were located adjacent to the sampling location.

Samples A-3 and A-3S were collected from a drainage ditch that originates from the vicinity of the North Plant. Metals concentrations in the water (A-3) and sediment (A-3S) samples collected from the ditch did not show any significant difference with those values reported for the upstream samples. The only organic compound detected in the sediment (A-3S) was 8.4 ug/kg of chloroform. However, numerous organic compounds were detected in the water sample. They ranged from an estimated concentration of 0.64 ug/l (presumptive evidence of atrazine) to 70 ug/l (three unidentified extractable organic compounds). PCB-1254 was also detected at 3.0 ug/l in the water sample.

A water and a sediment sample was collected at the confluence of the drainage ditch originating from the North Plant and the drainage ditch located north of Rifle Range Road (just prior to the discharge into Stouts Bayou). Metals concentrations detected in the water sample (A-2) and the sediment sample (A-2S) did not differ significantly from those reported in upstream ditch samples. The only exception to this, however, was seen in the sediment sample (A-2S) where arsenic (9.2 mg/kg) and mercury (0.12 mg/kg) were detected. The only organic compound detected in the sediment sample was PCB-1254 at 3,700 ug/kg. However, numerous organic compounds were detected in the water sample (A-2). They ranged in concentrations from 0.18 ug/l (presumptive evidence of atrazine) to an estimated concentration of 7 ug/l (presumptive evidence of diethyltetrahydrofuran).

A sample was collected from Stouts Bayou just prior to the confluence with Hatcher Bayou. The metals concentrations in both the water (B-2) and the sediment (B-2S) did not differ appreciably from those reported for the other samples collected during the investigation. Only two organic compounds were detected in the sediment sample and they were toluene (38 ug/kg) and total unidentified alkylhydrocarbons (estimated concentration of 200 ug/kg). Analytical results for the water sample (B-2) showed that there was presumptive evidence of caffeine and tri(butoxyethanol)phosphate both detected at an estimated concentration of 5 ug/l. In addition, two purgeable organic compounds were detected. They were chloroform (14 ug/l) and bromodichloromethane (11 ug/l).

A sample of the sediment (E-1S) and water (E-1) was collected from a drainage ditch downstream from the South Plant (see Figure 2). A comparison of the metals data indicate that values reported for the sediment and water closely corresponded to those values reported for the other stream samples. The exception to this was observed in both the water and the sediment where arsenic was detected at its highest reported values. In the water sample (E-1) arsenic was detected at 89 ug/l and in the sediment sample (E-1S) arsenic was detected at 44 mg/kg. Organic compounds detected in the water sample were cyanazine (6.8 ug/l), atrazine (26 ug/l), presumptive evidence of chlorobis (methylethyl) triazinediamine (estimated concentration of 3 ug/l), presumptive evidence of dinoseb (4.6 ug/l), trichlorothene (11 ug/l) and presumptive evidence of cis-1,2-dichloroethene (estimated concentration of 9 ug/l). The four organic compounds that were detected in the sediment sample were PCB-1254 (7,400 ug/kg), toxaphene (56,000 ug/kg), pyrene (estimated concentration of 660 ug/kg) and atrazine (970 ug/kg).

A downstream sediment (D-1S) and water (D-1) sample was collected from Hennesseys Bayou. This sampling location includes the combined flow of the creeks and drainage ditches that originate from the Cedar Chemical Company (Figure 2). A review of the metals data indicate that concentrations in both the water and sediments were comparable to the values reported for the upstream samples. In addition, no organic compounds were detected in the sediment sample (D-1S) collected. This may be a result of the "flushing" action that takes place during rain events. However, there was presumptive evidence of atrazine (0.28 ug/l) in the water sample D-1, as well as chloroform (estimated concentration of 2 ug/l) and carbon tetrachoride (estimated concentration of 1.3 ug/l).

#### Methods-Benthic Macroinvertebrates

Qualitative benthic macroinvertebrate samples were collected with a standard biological dipnet and hand sorting from all available stream substrates (mud, leaf packs, rocks, tree limbs, etc.). A 45 minute sampling effort was conducted at each of the sampling stations. Samples were picked in the field and the organisms were placed in appropriately labeled glass jars with ethanol (ETOH) preservative and transported to the EPA laboratory in Athens, Georgia for further sorting and identification. Organisms were identified to the lowest practical taxonomic level (i.e., family, genus, species) and kept consistent at each site to facilitate comparison.

#### Macroinvertebrates

A checklist of macroinvertebrates collected by qualitative means is shown in Table 8. All stations were characterized by a very low abundance and species diversity. Most of the species found were pollution tolerant forms.

The number of kinds of invertebrates found at station A-1 was lower than expected based on the existence of emergent aquatic plants (*Typha*) at this site below a culvert under Rifle Range Road. A large amount of organic sediment in this very small stream covered the substrate to a depth of several centimeters. Small fish were observed in a pool above this site but none could be captured. The stream at this site was 2-4cm deep and about 1m in width. The stream velocity was very low.

Station A-3 received drainage from the North Plant through a double concrete culvert upstream of the site. There were no aquatic invertebrates collected at this site. The only sign of previous life found was the presence of numerous fragments of snail shells. Aquatic vegetation was non-existent in this small channel (30cm wide) where water ranged in depth from 2-4cm.

Station A-2 was downstream from the confluence of the tributaries where station A-1 and A-3 were sited. Station A-2 was located below a Railroad Bridge which provided rail access to the facility. This stream was about 45 cm in width and reached a depth of 15cm. The velocity had increased, however, the channel was stable as it coursed through the loess soil. Most snails collected were dead at this station. It appears both stations A-3 and A-2 were affected by runoff from the North Plant.

Stouts Bayou was sampled upstream from the facility at station B-1 which was located about 100m below Rifle Range Road Bridge. This stream was about 6m wide and reached a depth of about 1m. Midge larvae and tubificids were the only live organisms found in the hard mud bottom. Large muscle shells were found which could have previously washed downstream. No live invertebrates were found in leaf packs in the stream. Due to the predominance of loess soil in this area the presence of sand and gravel was very limited, reducing the diversity of stream habitats. This stream is periodically scoured by urban runoff from the City of Vicksburg.

The downstream site on Stouts Bayou was station B-2 located about 70m upstream from the confluence with Hatcher Bayou. This sampling site was also downstream of the waste treatment pond at the facility. There were riffles and a few pools at this site which were the result of the input of large chunks of concrete and a failed concrete-rubble dam. The stream at this site was about 6m wide and about 1.3m deep. Very few organisms were found in the leaf packs.

Hatcher Bayou was sampled upstream of the facility at Station C-1 about 100m above the new Highway 61 bridge. The stream at this station is about 10m wide and 1.4m deep. The sides of the stream are characterized by vertical mud banks composed of highly erosive loess soil. The depth of this stream made sampling of all habitats difficult. The diversity of organisms improved at this site and an abundant population of Asiatic clam (Corbicula) was found.

A small unnamed tributary draining the western side of the facility was sampled at station E-1 where the stream width was 45cm reaching a depth of about 7cm. The station was located downstream from the confluence of two small tributaries draining the south and west sides of the plant. The highest diversity was found at this site with 10 taxa. Amphipods and snails were more abundant than at other sites and indicated that biologically the stream was probably not impacted by runoff from the facility.

Hennesseys Bayou was the largest stream sampled and station D-1 was located downstream from all tributaries draining the facility. The stream at this site was about 14m wide and exceeded 2m in depth. The vertical loess

stream banks were incised about 4m and very unstable. It was not possible to wade the stream to sample all habitats. Although sampling ability was limited by extreme depth the number of taxa (9) was next to the highest of all sites sampled. The water level in Stouts, Hatcher, and Hennesseys Bayous appeared to fluctuate about 4m following storm events. This resulted in the scouring and erosion of these channels causing considerable instability of the stream banks.

It is apparent that station A-3 is impacted by discharge from the North Plant with zero aquatic taxa present. The low diversity at the remaining stations made it difficult to conclude impacts were occurring due to runoff from the plant. In general, the stream environments surrounding the plant showed extremely low invertebrate diversity, but this is probably a function of the predominate erosive loess soils in the area which limit the variety of aquatic habitats and the aquatic productivity of these streams.

#### METHODOLOGY

All samples were collected and handled according to the Engineering Support Branch SOPAM (April 1986) and the Environmental Biology Section Standard Operating Procedures Manual (June 1984). All analyses were conducted according to the Analytical Support Branch Operations and Quality Control Manual (June 1985).

REFERENCES

1. Final Report, Groundwater Assessment Program, prepared for Vertac Chemical Corporation, Vicksburg, Mississippi; by IT Corporation, January 1986.
2. National Interim Primary Drinking Water Regulations, Federal Register, 40 CFR, Part 141, July 1, 1986.

12.12.89

FIGURE 1  
MONITORING WELL AND SOIL SAMPLING LOCATIONS  
CEDAR CHEMICAL COMPANY  
VICKSBURG, MISSISSIPPI  
FEBRUARY, 1987

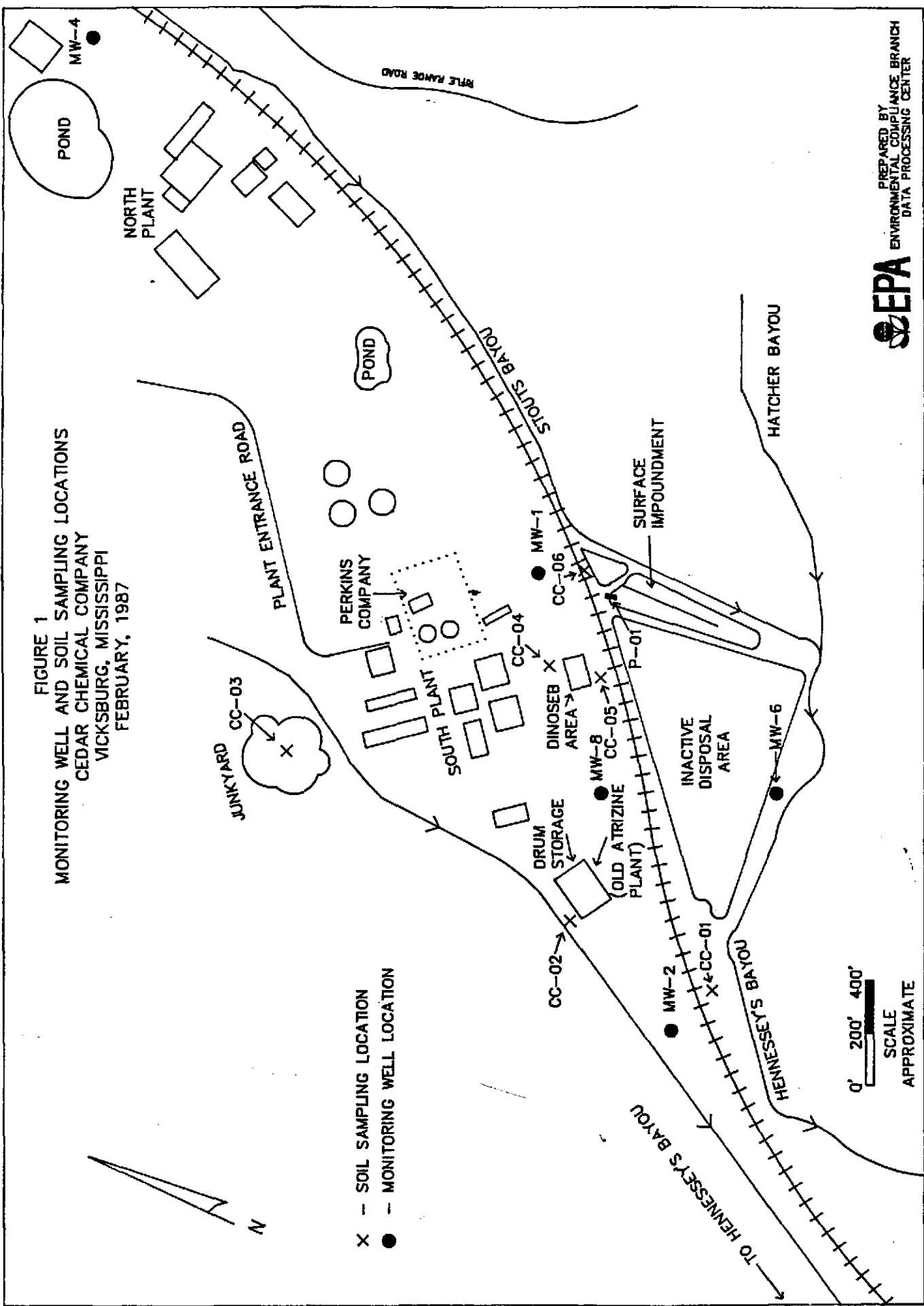
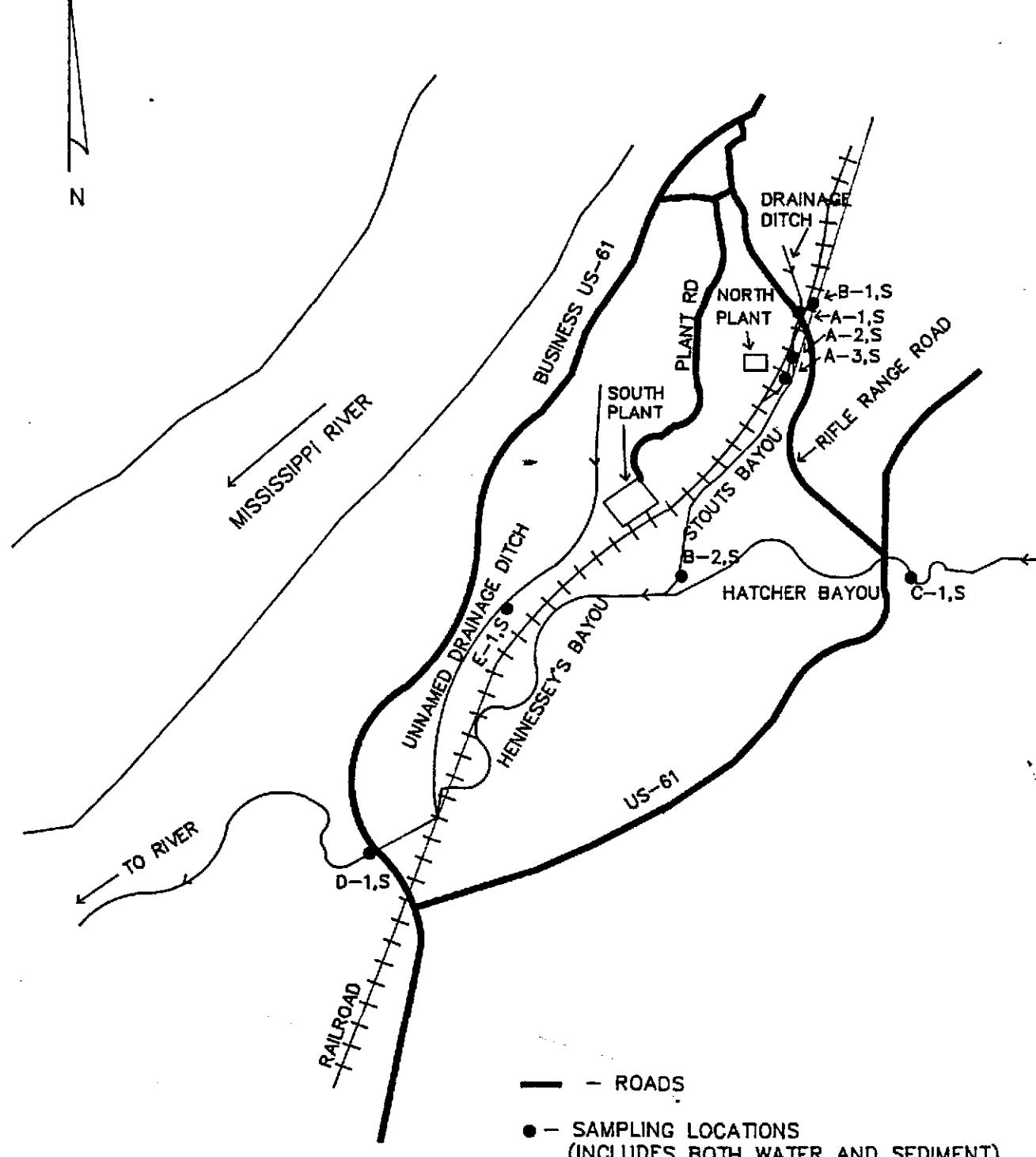


FIGURE 2

SURFACE WATER AND SEDIMENT SAMPLING LOCATIONS  
CEDAR CHEMICAL COMPANY  
VICKSBURG, MISSISSIPPI  
FEBRUARY, 1987



APPROXIMATE SCALE 1:24000

BB717152



PREPARED BY  
ENVIRONMENTAL COMPLIANCE BRANCH  
DATA PROCESSING CENTER

TABLE 1  
 SAMPLE DESCRIPTION  
 CEDAR CHEMICAL COMPANY  
 VICKSBURG, MISSISSIPPI

<u>Sample Designation</u>	<u>Type of Sample</u>	<u>Sample Descriptions</u>
MW-1	ground water	Sample collected from the monitoring well located north east of the dinoseb production area.
MW-2	ground water	Sample collected from the monitoring well located south west of the South Plant.
MW-4	ground water	Sample collected from the upgradient monitoring well located north of the North Plant.
MW-6	ground water	Sample collected from the monitoring well located south of the inactive disposal area.
MW-8	ground water	Sample collected from a monitoring well located south west of the dinoseb area (east of the old atrazine plant).
P-01	water	Grab sample of the surface impoundment influent.
CC-01	soil	Areal composite soil sample collected from the surface drainage areas along the railroad track south west of the South Plant.
CC-02	soil	Areal composite soil sample collected from the area west of the old atrazine plant.
CC-03	soil	Areal composite soil sample collected from the junkyard area north west of the South Plant.
CC-04	soil	Areal composite soil sample collected adjacent to the dinoseb production area.
CC-05	soil	Areal composite soil sample collected adjacent to the railroad track, south of the dinoseb production area.
CC-06	soil	A soil sample collected from the ditch north of the surface impoundment.

TABLE 1 continued

A-1	water	A grab sample collected from the drainage ditch prior to its discharge to Stouts Bayou.
A-1S	sediment	A grab sample collected at approximately the same location as A-1.
A-2	water	A grab sample collected from the drainage ditch which includes the flow from the drainage ditch originating from the North Plant and the drainage ditch north of the Rifle Range Road.
A-2S	sediment	A grab sample collected at approximately the same location as A-2.
A-3	water	A grab sample collected from the drainage ditch originating from the North Plant.
A-3S	sediment	A grab sample collected from approximately the same location as A-3.
B-1	water	A upstream grab sample from Stouts Bayou.
B-1S	sediment	A grab sample collected from approximately the same location as B-1.
B-2	water	A downstream grab sample collected from Stouts Bayou.
B-2S	sediment	A grab sample collected from approximately the same location as B-2.
C-1	water	A upstream grab sample collected from Hatcher Bayou.
C-1S	sediment	A grab sample collected from approximately the same location as C-1.
D-1	water	A downstream grab sample collected from Hennesseys Bayou at highway bridge.
D-1S	sediment	A grab sample collected from approximately the same location as D-1.
E-1	water	A grab sample collected from drainage ditch south of the South Plant.
E-1S	sediment	A grab sample collected from approximately the same location as E-1.

TABLE 2  
MONITORING WELL/POND DATA  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

	MW-1 MONITOR WELL 1 02/19/87 1045	MW-2 MONITOR WELL 2 02/18/87 1615	MW-4 MONITOR WELL 4 02/18/87 1110	MW-6 MONITOR WELL 6 02/18/87 1315	MW-8 MONITOR WELL 8 02/18/87 1700	P-01 INFLUENT POND 02/19/87 1210
INORGANIC ELEMENT/COMPOUND	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ARSENIC	--	--	--	--	67	140
BARIUM	270	450	250	600	470	37
CHROMIUM	38	64	--	11	--	75
COPPER	--	30	18	--	--	10
NICKEL	22	--	--	--	--	--
STRONTIUM	760	560	250	610	350	85
TITANIUM	39	910	74	110	10	30
VANADIUM	--	69	--	13	--	--
YTTRIUM	--	23	--	13	--	--
ZINC	--	91	16	21	--	13
ALUMINUM	1900	26000	3000	6600	920	1100
MANGANESE	460	1500	430	650	4900	83
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CALCIUM	260	240	100	310	140	26
MAGNESIUM	95	110	48	180	72	14
IRON	1.7	36	3.2	8.4	25	2.3
SODIUM	120	29	15	39	34	610
SELECTED CHLORINATED COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
METHYL PARATHION	--	--	--	--	--	0.011J
CYANAZINE	6.6J	--	--	1.2	0.82	1.3
EXTRACTABLE ORGANIC COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
PHENOL	--	1.0J	--	--	--	--
PENTACHLOROPHENOL	68	--	--	--	--	--
HYDROXYBENZONITRILE	10JN	--	--	--	--	--
TETRACHLOROPHENOL	2JN	--	--	--	--	--
BROMACIL	3JN	--	--	--	--	--
CHLOROBIS(METHYLETHYL)TRIAZINEDIAMINE	--	--	--	--	3JN	--
PETROLEUM PRODUCT	N	N	--	N	N	--
TETRAMETHYLUREA	--	--	--	--	--	3JN
NITROSOMORPHOLINE	--	--	--	--	--	2JN
(METHYLPROPYL)PHENOL	--	--	--	--	--	10JN
DIHYDROINDOLONE	30JN	--	--	--	--	3JN
ATRAZINE	26	--	--	3.9	63	29
DINOSEB	562	--	--	--	--	200JN
2 UNIDENTIFIED COMPOUNDS	--	--	--	--	--	40J

TABLE 2  
MONITORING WELL/POND DATA  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

	MW-1 MONITOR WELL 1 02/19/87 1045	MW-2 MONITOR WELL 2 02/18/87 1615	MW-4 MONITOR WELL 4 02/18/87 1110	MW-6 MONITOR WELL 6 02/18/87 1315	MW-8 MONITOR WELL 8 02/18/87 1700	P-01 INFLUENT POND 02/19/87 1210
PURGEABLE ORGANIC COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
VINYL CHLORIDE	--	--	--	--	2.5J	--
CHLOROFORM	2.8J	--	--	--	--	42
CARBON TETRACHLORIDE	--	--	--	--	--	70
BROMODICHLOROMETHANE	--	--	--	--	--	6.7
TRICHLOROETHENE(TRICHLOROETHYLENE)	8.5	--	--	--	--	4.2J
DIBROMOCHLOROMETHANE	--	--	--	--	--	4.2J
ACETONE	--	--	--	--	--	60
CONVENTIONAL PARAMETERS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CYANIDE	--	NA	--	0.008	--	--
NITRATE-NITRITE NITROGEN	NAI	NA	NAI	NAI	NAI	NAI

\*\*\*\*\*FOOTNOTES\*\*\*

NA - NOT ANALYZED

NAI - INTERFERENCES

J - ESTIMATED VALUE

N - PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 3  
SOIL DATA  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

	CC-01 SOUTH S. PLANT 02/19/87 1410	CC-02 DRUM AREA 02/19/87 1445	CC-03 JUNK YARD 02/19/87 1510	CC-04 DINOSEB AREA 02/19/87 1540	CC-05 ADJ. TO RR 02/19/87 1505	CC-06 DRAINAGE DITCH 02/19/87 1630
NORGANIC ELEMENT/COMPOUND	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ARSENIC	53	550	19	18	27	10J
BARIUM	100	72	150	100	140	210
CHROMIUM	44	14	27	37	18	12
COPPER	12	58	20	23	15	10
NICKEL	12	13	21	20	16	14
LEAD	25	44	22	56	20	8.0
ANTIMONY	--	82	--	--	--	--
STRONTIUM	34	190	35	39	35	48
TITANIUM	220	140	280	270	190	240
VANADIUM	20	16	33	21	26	23
YTTRIUM	8.4	7.4	12	8.2	10	9.6
ZINC	53	130	65	75	94	35
MERCURY	--	--	0.1	--	--	0.25
ALUMINUM	6000	4500	11000	7200	8800	6200
MANGANESE	470	410	620	370	580	880
CALCIUM	30000	85000	28000	33000	22000	42000
MAGNESIUM	11000	9700	15000	11000	8900	17000
IRON	13000	15000	20000	16000	1\$000	15000
SODIUM	--	460	--	--	--	220
ELECTED CHLORINATED COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
HEPTACHLOR EPOXIDE	38	--	--	--	--	--
ALPHA-BHC	66	--	170	--	--	--
PCB-1254 (AROCLOR 1254)	--	--	710	--	--	200
TOXAPENE	6700	3700	--	--	47000	--
CYANAZINE	6000JN	240	30J	--	--	--
ATRAZINE	100000JN	5000C	5400C	4000C	32J	25J
EXTRACTABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
PHENANTHRENE	1700J	--	1100J	1800J	--	--
ANTHRACENE	690J	--	1200J	2000J	--	--
FLUORANTHENE	4400J	--	1700J	5900J	1200J	--
PYRENE	5200J	--	1700J	4300J	1100J	--
BENZO(A)ANTHRACENE	2700J	--	1100J	840J	--	--
CHRYSENE	4500J	--	1300J	1600J	800J	--
BENZO(B AND/OR K)FLUORANTHENE	4400J	--	970J	1600J	--	--
BENZO-A-PYRENE	4300J	--	1100J	860J	--	--
INDENO (1,2,3-CD) PYRENE	2800J	--	800J	--	--	--

TABLE 3  
SOIL DATA  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

	CC-01 SOUTH S. PLANT 02/19/87 1410	CC-02 DRUM AREA 02/19/87 1445	CC-03 JUNK YARD 02/19/87 1510	CC-04 DINOSEB AREA 02/19/87 1540	CC-05 ADJ. TO RR 02/19/87 1505	CC-06 DRAINAGE DITCH 02/19/87 1630
EXTRACTABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
BENZO(GHI)PERYLENE	3200J	--	950J	--	--	--
PROPAZINE	7000JN	--	3000JN	--	--	--
TETRACHLOROBIPHENYL (3 ISOMERS)	--	--	--	2000JN	--	--
PENTACHLOROBIPHENYL (5 ISOMERS)	--	--	--	2000JN	--	--
HEXACHLOROBIPHENYL (2 ISOMERS)	--	--	--	2000JN	--	--
DINOSEB	--	--	--	640000C	12000C	--
TRI(ETHYLHEXYL)PHOSPHATE	--	--	--	--	20000JN	--
URGEABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
TOLUENE	--	--	--	3.8J	--	--
TOTAL XYLEMES	--	--	--	2.8J	--	--
METHYLSULFIDE	30JN	--	--	--	--	--
DIMETHYLDISULFIDE	8JN	--	--	--	--	--
ACETONE	--	--	--	340	--	--
METHYL ETHYL KETONE	--	--	--	23J	--	--

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\*\*FOOTNOTES\*\*

- J - ESTIMATED VALUE
- N - PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED
- C - CONFIRMED BY GC/MS

TABLE 4  
STREAM DATA - WATER  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

TABLE 4  
STREAM DATA - WATER  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

A-1 UPSTRM. UK.TRIB 02/18/87 0925	A-2 DOWNSTR. UK.TRIB 02/18/87	A-3 UPSTRM. DITCH 02/18/87	B-1 UPSTRM. STOUTS 02/18/87	B-2 DOWNSTM. STOUTS 02/19/87	C-1 UPSTRM. HATCHER 02/19/87	D-1 DOWNSTR. HENNESSE 02/19/87	E-1 DOWNSTR. UK.TRIB 02/19/87

PURGEABLE ORGANIC COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CHLOROFORM	5.1	4.9J	16	--	14	--	2J
CARBON TETRACHLORIDE	--	--	--	--	--	1.3J	--
BROMODICHLOROMETHANE	3.6J	1.7J	1J	--	11	--	--
TRICHLOROETHENE(TRICHLOROETHYLENE)	--	--	--	--	--	--	11
DIBROMOCHLOROMETHANE	2.7J	1.2J	--	--	--	--	--
TOLUENE	0.8J	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--	--	--	9JN
CONVENTIONAL PARAMETERS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CYANIDE	0.006	--	--	--	--	--	--
CONVENTIONAL PARAMETERS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
NITRATE-NITRITE NITROGEN	NAI	NAI	NAI	NAI	NAI	NAI	NAI

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\*\*\*FOOTNOTES\*\*\*

A - AVERAGE VALUE

NAI - INTERFERENCES

J - ESTIMATED VALUE

N - PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 5  
STREAM DATA - SEDIMENT  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI

	A-1S UPSTRM. 02/18/87 0930	A-2S DOWNSTR. 02/18/87 1140	A-3S UPSTRM. 02/18/87 1510	B-1S DITCH 02/18/87 1445	B-2S STOUT 02/19/87 1110	C-1S UPSTRM. 02/19/87 0840	D-1S HENNESSE 02/19/87 1530	E-1S DOWNSTR. 02/19/87 1245
INORGANIC ELEMENT/COMPOUND	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ARSENIC	--	9.2	--	--	--	6.0	6.9	44
BARIUM	120	260	220	120	130	62	170	96
CHROMIUM	13	22	97	17	14	12	17	71
COPPER	11	18	11	8.0	12	6.6	11	10
NICKEL	11	21	14	8.4	13	7.0	16	9.6
LEAD	14	20	13	45	21	11	15	8.8
STRONTIUM	33	24	84	51	28	19	29	35
TITANIUM	250	220	150	160	280	65	180	70
VANADIUM	21	30	20	16	25	22	30	16
YTTRIUM	9.8	13	9.1	11	11	9.2	12	8.4
ZINC	66	78	35	51	62	19	52	41
MERCURY	--	0.12	--	--	--	--	--	--
ALUMINUM	7400	11000	4500	5500	8400	13000	11000	5000
MANGANESE	420	980	890	710	740	490	610	460
CALCIUM	23000	11000	53000	42000	24000	6200	12000	32000
MAGNESIUM	8100	4400	8000	4600	8600	2500	4800	9700
IRON	12000	18000	13000	11000	15000	14000	15000	11000
SODIUM	--	280	490	--	--	--	--	--
SELECTED CHLORINATED COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
PCB-1254 (AROCLOR 1254)	--	3700	--	--	--	--	--	7400
TOXAPHENE	--	--	--	--	--	--	--	56000
EXTRACTABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
FLUORANTHENE	1300J	--	--	--	--	--	--	--
PYRENE	1400J	--	--	--	--	--	--	660J
CHRYSENE	1300J	--	--	--	--	--	--	--
ATRAZINE	--	--	--	--	--	--	--	970C
PURGEABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
CHLOROFORM	--	--	8.4	--	--	--	--	--
TOLUENE	--	--	--	--	38	--	--	--
TOTAL UNIDENTIFIED ALKYLHYDROCARBONS	--	--	--	--	200J	--	--	--

\*\*\*\*\*FOOTNOTES\*\*\*

J = ESTIMATED VALUE

N = PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

-- = MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

C = CONFIRMED BY GC/MS

TABLE 6  
 FIELD MEASUREMENTS  
 CEDAR CHEMICAL COMPANY  
 VICKSBURG, MISSISSIPPI  
 FEBRUARY 18 AND 19, 1987

<u>Sample Designation</u>	<u>pH (SU)</u>	<u>Temperature (°C)</u>	<u>Conductivity umhos/cm @ 25°C</u>	<u>Sample Observations</u>
MW-1	6-7*	17	4500	Clear-green tint
MW-2	6-7*	17	1200	Slightly turbid
MW-4	6-7*	17	900	Clear
MW-6	6-7*	17	2400	Muddy
MW-8	7.3	17	980	Relatively clear
P-01	12.5	18	NA	
A-1	7.7	11	NA	
A-2	NA	NA	NA	
A-3	8.3	10	NA	
B-1	8.3	9	NA	
B-2	8.3	9	NA	
C-1	8.0	8	NA	
D-1	8.4	9	NA	
E-1	8.3	10	NA	

\*pH paper used - pH meter malfunction  
 NA - not analyzed

**TABLE 7**  
 Monitoring Well Specifications/Information  
 Cedar Chemical Company  
 Vicksburg, Mississippi  
 February 18-19, 1987

<u>Well Designation</u>	<u>Casing Size/Material</u>	<u>Elevation TOC (ft)</u> <sup>1</sup>	<u>Depth of Well from TOC (ft)</u>	<u>Depth to Water (ft)</u>	<u>Water Elevation (ft)</u> <sup>2</sup>
MW-1	4 IN./PVC	109.1	31.95	3.15	105.95
MW-2	4 IN./PVC	105.0	39.8	6.9	98.1
MW-4	4 IN./PVC	111.6	20.5	4.85	106.75
MW-6	2 IN./PVC	98.0	25.3	9.6	88.4
MW-8	2 IN./PVC	109.7	29.35	5.95	103.75

1) Information provided by the facility, TOC = Top of casing above mean sea level.

2) Above mean sea level.

TABLE 8  
 CHECKLIST OF MACROINVERTEBRATES  
 STREAMS ADJACENT TO THE FACILITY  
 CEDAR CHEMICAL COMPANY  
 VICKSBURG, MISSISSIPPI

Taxa	A-1 Upstrm. UK. Trib. 02/18/87 0925	A-2 Downstr. UK. Trib. 02/18/87 1130	A-3 Upstrm. UK. Trib. 02/18/87 1500	B-1 Upstrm. Stout Cr. 02/18/87 1440	B-2 Downstr. Stout Cr. 02/19/87 1055	C-1 Upstrm. Hatcher Cr. 02/19/87 0815	D-1 Downstr. Hennessee Cr. 02/19/87 1515	E-1 Downstr. UK. Trib. 02/19/87 1230
Diptera								
Chironomidae								
<i>Cricotopus bicinctus</i>	X			X				X
<i>Dicrotendipes neomodestus</i>				X				
<i>Axarus prob. festivus</i>				X				
prob. <i>Meropelopia</i> spp.								
<i>Chironomus riparius</i>					X			
<i>Cryptochironomus fulvus</i>						X		
<i>Polypedilum illinoense</i>						X		
Dolichopodidae								
Psychodidae								
<i>Psychoda</i> sp.		X						
Stratiomyidae								
(terrestrial)		X		X				
Odonata								
Coenagrionidae								
<i>Argia</i> spp.								
Agrionidae								
<i>Agrion</i> spp.								
Coleoptera								
Elmidae								
<i>Stenelmis</i>								
Hydrophilidae								
<i>Tropisternus</i>								
Amphipoda								
Talitridae								
<i>Hynalella azteca</i>						X		
<i>Crangonyx</i>							X	
Decapoda								
Astacidae								
<i>Orconectes</i> sp.	X						X	
<i>Procambarus</i> sp.							X	
Oligochaeta								
Lumbriculidae	X						X	
Tubificidae								
<i>Limnodrilus hoffmeisteri</i>				X				
<i>Limnodrilus claparedensis</i>				X				
Immature				X				
Megacoelidae								
Hirudinea								
Immature						X		
<i>Mooreahdolla</i>						A		
Bivalvia							X	
Corbicula								
Gastropoda								
Lymnaeidae								
<i>Stagnicola</i>								
Physidae								
<i>Physa</i>	X		X					
Total Taxa	4	3	1	6	4	8	9	10



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

ENVIRONMENTAL SERVICES DIVISION  
ATHENS, GEORGIA 30613

APR 21 1987

REF: 4ES-EN

Mr. John Hill, Environmental Manager  
Cedar Chemical Corporation  
P. O. Box 3  
Rifle Range Road  
Vicksburg, MS 39180

Ref: NPDES Permit No. MS0027995

Dear Mr. Hill:

Enclosed is a copy of the report for the Compliance Sampling Inspection conducted at your facility on February 18-19, 1987. Please contact Mike Bowden at (404) 546-3623 if you have any questions regarding the report.

Sincerely yours,

*Ronald L. Barrow*

Ronald L. Barrow, P.E.  
Environmental Compliance Branch

Enclosure

cc: Carter/Guinyard  
Wade Knight  
Bill Bokey  
Barry Royal  
Pete McGarry



United States Environmental Protection Agency  
Washington, D. C. 20460

## NPDES Compliance Inspection Report

Form Approved  
OMB No. 2040-0003  
Approval Expires 7-31-85

### Section A: National Data System Coding

Transaction Code 1 N    =2 5	NPDES 3 M S 0 0 2 7 9 9 5 11 12 8 7 0 2 1 8 17	yr/mo/day 66	Inspection Type 18 S	Inspector 19 R	Fac Type 20 2
Remarks					
21 Reserved 67 [ ] 69	Facility Evaluation Rating 70 [ ]	BI 71 [ ]	QA 72 [ ]	Reserved----- 73 [ ] 74 75 [ ] [ ] [ ] 80	

### Section B: Facility Data

Name and Location of Facility Inspected Cedar Chemical Corporation Vicksburg, Mississippi	Entry Time <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM 0800	Permit Effective Date Oct 6, 1986
	Exit Time/Date 1730/Feb. 19, 1987	Permit Expiration Date June 30, 1991
Name(s) of On-Site Representative(s) 1. John Hill 2. Dave Green	Title(s) Environmental Manager Plant Chemist	Phone No(s) (601) 636-1231
Name, Address of Responsible Official John Hill P. O. Box 3 Rifle Range Rd. Vicksburg, MS 39180	Title See above	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Phone No. See above		

### Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	N/A	Pretreatment	N	Operations & Maintenance
M	Records/Reports	M	Laboratory	N	Compliance Schedules	N	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Waters	*	Self-Monitoring Program	M	Other: Sampling

### Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

\*Representatives of the US-EPA, Environmental Services Division, evaluated the NPDES self-monitoring program to determine if permit requirements were being met. Deficiencies were noted with records, laboratory methodologies, and sampling. Specific comments and recommendations are attached.

Name(s) and Signature(s) of Inspector(s) <i>Mike Reurb</i>	Agency/Office/Telephone US-EPA / ESD / 404-546-3117	Date 4/17/87
Signature of Reviewer <i>Ronald Banow</i>	Agency/Office US-EPA	Date 4/17/87
Regulatory Office Use Only		
Action Taken	Date	Compliance Status <input type="checkbox"/> Noncompliance <input type="checkbox"/> Compliance

COMPLIANCE SAMPLING INSPECTION  
CEDAR CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI  
FEBRUARY 18-19, 1987

On February 18-19, 1987 representatives of the United States Environmental Protection Agency, Region IV, conducted a joint RCRA ground water monitoring investigation and a Compliance Sampling Inspection (CSI) at Cedar Chemical Corporation, Vicksburg, Mississippi. The objectives of the CSI were to evaluate the facility's NPDES self-monitoring program and determine if permit requirements were being met. Recommendations presented in the field and laboratory evaluations appear as Regulatory Requirements or Suggestions. The findings of the RCRA investigation are being transmitted under a separate cover. The following observations were made during the CSI.

1. Records/Reports

Records consisted of a laboratory log book and monthly discharge monitoring reports. The following deficiencies were noted:

- Records did not show the person collecting the sample, the time of sample collection, or the exact sampling location.

Regulatory Requirement: As specified in NPDES Permit MS0027995, records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
  - b. The individual(s) who performed the sampling or measurements;
  - c. The date(s) the analyses were performed;
  - d. The individual(s) who performed the analyses;
  - e. The analytical techniques or methods used;
  - f. The results of such analyses.
- The 24-hour flow record did not correspond to the 24-hour sampling interval. There was approximately a one-hour delay between flow meter totalizer readings and sample collection times which caused a slight error in mass loading calculations.

Regulatory Requirement: Samples and measurements taken shall be representative of the discharge. Daily flow meter totalizer readings should correspond to the 24-hour sampling interval. (NPDES Permit MS0027995, and 40 CFR, Part 136, 1986).

## 2. Flow Measurement

Flow was monitored at three outfalls using Honeywell in-line orifice flow meters. The flow meters were calibrated weekly by plant service technicians.

## 3. Laboratory

Plant chemists performed analyses for COD, BOD<sub>5</sub>, TSS, DNBP (Dinitrobutylphenol), pH, and nitrate. Quarterly analysis for toxaphene was contracted to Environmental Protection Systems Inc., Jackson, Mississippi. Bioassay analysis was contracted quarterly to Environmental Protection Systems Inc., Pensacola, Florida.

Laboratory methods for COD, BOD<sub>5</sub>, TSS, DNBP, pH and nitrate were reviewed. The methods were in accordance with 40 CFR Part 136 (NPDES approved test procedures) for all parameters except BOD<sub>5</sub> and pH analyses. The following deficiencies were noted:

- Samples for BOD<sub>5</sub> analyses were not dechlorinated. The seed correction factors were not used in determining the final BOD<sub>5</sub> concentrations. All five day DO depletions were less than the required minimum depletion of 2 mg/l.

Regulatory Requirement: Samples analyzed for BOD<sub>5</sub> must be dechlorinated with sodium sulfite. A known volume of sample must be titrated with 0.025 N Na<sub>2</sub>SO<sub>3</sub> to determine the volume of Na<sub>2</sub>SO<sub>3</sub> needed to neutralize the chlorine in an equal volume of sample used to prepare dilutions. The seed correction factors must be used in the final BOD<sub>5</sub> calculations. Sample dilutions showing a residual DO, after five days, of at least 1 mg/l and a depletion of at least 2 mg/l are the most reliable. Sample dilutions that do not meet these criteria must not be used in calculating BOD<sub>5</sub>. (See Method 507,6., Standard Methods, 16th edition, 1984)

- The pH meter was not calibrated prior to each pH measurement.

Regulatory Requirement: The pH meter must be calibrated before each sample measurement. The meter must be calibrated according to the manufacturers specification and with a minimum of two buffers at least 3 pH units apart. The two buffers should bracket the expected sample pH. (Standard Methods, 16th edition, 1984).

## 4. Sampling

All samples were collected as outlined in the NPDES permit. Composite samples were collected at each of the three monitoring locations using Wallace and Tiernan vacuum type automatic samplers. The following deficiencies were noted:

- The composite samples were not refrigerated during collection.

Regulatory Requirement: Composite samples for  $BOD_5$ , TSS, pesticides, and nitrate analyses must be maintained at or below  $4^{\circ}C$ . The automatic sampler must be monitored for temperature at least once during the 24-hour period to insure that the sample is maintained at the correct temperature. (40 CFR, Part 136, 1984).

- The automatic sampler collected less than the required 100 ml per sample aliquot.

Regulatory Requirement: For peristaltic or vacuum type automatic samplers, the individual sample aliquots must be at least 100 ml. (EPA Manual MCD-51).

- The composite sample containers were rinsed with only de-ionized water between sampling periods.

Suggestion: Composite sample containers used to collect DNBP and Toxaphene samples should be cleaned with a bio-degradable soap solution and then solvent rinsed between each 24-hour sample collection period.

#### 5. Compliance

The EPA sampling results shown in Table 1 indicate compliance with the NPDES permit limits. The 24-hour composite samples were collected February 18-19, 1987. All grab samples for pH and temperature analyses were collected on February 19, 1987.

TABLE I  
EPA SAMPLING RESULTS  
CEDAR CHEMICAL CORPORATION

Outfall	Parameter <sup>1</sup>	Units	EPA Results	Permit <sup>2</sup> Limits
001	Flow	mgd	0.29	--
	COD	lbs/day	36	750
	BOD <sub>5</sub>	lbs/day	NAI	133
	TSS	lbs/day	19	150
	pH	S.U.	8.7	--
	Temperature	°C	15	--
002	Flow	mgd	0.29	--
	Nitrate	lbs/day	NAI (2281)	6000
	pH	S.U.	11.4	--
	Temperature	°C	35°C	--
003	Flow	mgd	0.58	--
	Nitrate	lbs/day	NAI (2868)	6310
	pH	S.U.	8.8	6.0-9.0
	Temperature	°C	16	--

1 - All parameters were analyzed from a 24-hour composite sample except pH and temperature.

2 - Permit limits are daily averages.

NAI - Not able to analyze due to interference. Permittee results for nitrate analyses are shown in parentheses.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO. 1 87C15522 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO SPOUT BAYOU UPSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLOUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHANE
5.1	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
3.6J	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
2.7J	UG/L	DIBROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
0.8J	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLEMES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

PFMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/L	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO.: 87C15522 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHODS:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

	RESULTS	UNITS	COMPOUND
03/04/87	5U	UG/L	CHLOROMETHANE
PURGEABLE ORGANICS ANALYSIS	5U	UG/L	BROMOMETHANE
WATER	5U	UG/L	VINYL CHLORIDE
SAMPLE NO. 1 87C15524 SAMPLE TYPE: AMBWA	5U	UG/L	CHLOROETHANE
	5U	UG/L	METHYLENE CHLORIDE
	5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
	5U	UG/L	1,1-DICHLOROETHANE
	5U	UG/L	TRANS-1,2-DICHLOROETHENE
	4.9J	UG/L	CHLOROFORM
	5U	UG/L	1,2-DICHLOROETHANE
	5U	UG/L	1,1,1-TRICHLOROETHANE
	5U	UG/L	CARBON TETRACHLORIDE
PROJECT NO: 87-171 PROGRAM ELEMENT: RCRA	1.7J	UG/L	BROMODICHLOROMETHANE
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)	5U	UG/L	1,2-DICHLOROPROPANE
CITY: VICKSBURG STATE: MS	10U	UG/L	TRANS-1,3-DICHLOROPROPENE
STATION ID: A-2 DOWNSTREAM TO STOUT BAYOU	5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
STORE STATION NO:	1.2J	UG/L	BENZENE
SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130	5U	UG/L	DIBROMOCHLOROMETHANE
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00	10U	UG/L	1,1,2-TRICHLOROETHANE
COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM	10U	UG/L	CIS-1,3-DICHLOROPROPENE
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: O COLQUITT	5U	UG/L	2-CHLORODETHYL VINYL ETHER
SEALED? YES	5U	UG/L	HEXANOFORM
CHEMIST: FRA ANALYTICAL METHOD:	5U	UG/L	1,1,2,2-TETRACHLOROETHANE
	5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
	5U	UG/L	TOLUENE
	5U	UG/L	CHLOROBENZENE
	5U	UG/L	ETHYL BENZENE
	5U	UG/L	TOTAL XYLENES

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO.: 87C15524 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/18/87 11:30  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D. DATE./TIME 02/23/87 0825 REC'D. BY: D CULQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: PRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO. 1 B7C15528 SAMPLE TYPE: AMBWA

PROJECT NO. 1 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
10	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
10	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	1BROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
50	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

RESULTS - IN: ug/l	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87C15528 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE: /TIME: 02/23/87 0825 REC'D BY: D. COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*E=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

		RESULTS	UNITS	COMPOUND
03/04/87	PURGEABLE ORGANICS ANALYSIS	5U	UG/L	CHLOROMETHANE
	WATER	5U	UG/L	BROMOMETHANE
		5U	UG/L	VINYL CHLORIDE
		5U	UG/L	CHLOROETHANE
		5U	UG/L	METHYLENE CHLORIDE
		5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
		5U	UG/L	1,1-OCHLOROETHANE
		5U	UG/L	TRANS-1,2-DICHLOROETHENE
		5U	UG/L	CHLOROFORM
		5U	UG/L	1,2-DICHLOROETHANE
		5U	UG/L	1,1,1-TRICHLOROETHANE
		5U	UG/L	CARBON TETRACHLORIDE
		5U	UG/L	BROMODICHLOROMETHANE
		10U	UG/L	1,2-DICHLOROPROPANE
		5U	UG/L	TRANS-1,3-DICHLOROPROPENE
		5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
		5U	UG/L	BENZENE
		5U	UG/L	DISKRONOCHLOROMETHANE
		5U	UG/L	1,1,2-TRICHLOROMETHANE
		10U	UG/L	CIS-1,3-DICHLOROPROPENE
		10U	UG/L	2-CHLOROETHYL VINYL ETHER
		5U	UG/L	BRONCOFORM
		5U	UG/L	1,1,2,2-TETRACHLOROETHANE
		5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
		5U	UG/L	TOLUENE
		5U	UG/L	CHLOROBENZENE
		5U	UG/L	ETHYL BENZENE
		5U	UG/L	TOTAL XYLENES

PROJECT NO. 1 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: R-1 UPSTREAM STOUT BAYOU  
STORED STATION N.U.

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1440

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME: 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROO  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
 \*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPAS-ESU, REG. IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, HISC  
WATER

RESULTS	JNL UG/L	COMPOUND NAME
500		ACETONE
500		METHYL ETHYL KETONE
500		CARBON DISULFIDE
500		METHYL BUTYL KETONE
500		METHYL ISOBUTYL KETONE
500		STYRENE
500		VINYL ACETATE

SAMPLE NO.: 87C15526 SAMPLE TYPE: AHBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 8-1 UPSTREAM STOUT BAYOU  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1440  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME: 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVGAE VALUE \*N=NOT ANALYZED \*NL=INTERFERENCES  
\*J=ESTIMATED VALUE \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSU REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO.: 87C15532 SAMPLE TYPE: AMBWA

PROJECT NO. 1 PT-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: B-2 STOUT BAYOU DOWNSREAK  
STORET STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D CULQUITT

SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHODS:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
14	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
11	UG/L	BROMOCHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	DIBROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	1,1,2-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLEMES

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A=AVVERAGE VALUE \*H=A-NOT ANALYZED \*N=INTERFERENCES
- \*J=ESTIMATED VALUE \*P=N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

RESULTS IN ug/L	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUIYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87C15532 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: P-2 STOUT BAYOU DOWNSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NL-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

	RESULTS	UNITS	COMPOUND
03/04/87	SU	UG/L	CHLOROMETHANE
PURGEABLE ORGANICS ANALYSIS	SU	UG/L	BROMOMETHANE
WATER	SU	UG/L	VINYL CHLORIDE
SAMPLE NO.: 87C15530 SAMPLE TYPE: AMBWA	SU	UG/L	CHLOROETHANE
	SU	UG/L	METHYLENE CHLORIDE
	SU	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
	SU	UG/L	1,1-DICHLOROETHANE
	SU	UG/L	TRANS-1,2-DICHLOROETHENE
	SU	UG/L	CHLOROFORM
	SU	UG/L	1,2-DICHLOROETHANE
PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA	SU	UG/L	1,1,1-TRICHLOROETHANE
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)	SU	UG/L	CAHABA TETRACHLORIDE
CITY: VICKSBURG STATE: MS	SU	UG/L	BROMODICHLOROMETHANE
STATION I.D.: C-1 HATCHER BAYOU UPSTREAM	SU	UG/L	1,2-DICHLOROPROPANE
STORE STATION NO:	SU	UG/L	TRANS-1,3-DICHLOROPROPENE
SAMPLE COLLECTION: START DATE/TIME 02/19/87 0615	SU	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
SAMPLE COLLECTION: STOP DATE/TIME 03/06/00	100	UG/L	BENZENE
COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM	SU	UG/L	1,1-BI(CHLOROMETHANE)
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT	SU	UG/L	1,1,2-TRICHLOROETHANE
SEALED: YES	SU	UG/L	1,1,1,3-DICHLOROPROPENE
CHEMIST: FRA	SU	UG/L	2-CHLOROETHYLVINYL ETHER
ANALYTICAL METHOD:	SU	UG/L	CHLOROFORM
	SU	UG/L	1,1,2,2-TETRACHLOROETHANE
	SU	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
	SU	UG/L	TOULENE
	SU	UG/L	CHLOROBENZENE
	SU	UG/L	ETHYL BENZENE
	SU	UG/L	TOTAL XYLENES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A-AVERAGE VALUE \*H-A-NOT ANALYZED \*W-A-INTERFERENCES  
 \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/L	COMPOUND NAME
500		ACETONE
500		METHYL ETHYL KETONE
500		CARBON DISULFIDE
500		METHYL BUTYL KETONE
500		METHYL ISOBUTYL KETONE
500		STYRENE
500		VINYL ACETATE

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO.: B7C15530 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE: /TIME: 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE \*M=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FSD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87

PURGEABLE ORGANICS ANALYSIS  
WATER

	RESULTS	UNITS	COMPOUND
	50	UG/L	CHLOROMETHANE
	50	UG/L	BROMOMETHANE
	50	UG/L	VINYL CHLORIDE
	50	UG/L	CHLOROETHANE
	50	UG/L	METHYLENE CHLORIDE
	50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
	50	UG/L	1,1-DICHLOROETHANE
	50	UG/L	TRANS-1,2-DICHLOROETHENE
	20	UG/L	CHLORFORM
	50	UG/L	1,2-DICHLOROETHANE
	50	UG/L	1,1,1-TRICHLOROETHANE
	1,30	UG/L	CARBON TETRACHLORIDE
	50	UG/L	BROMOCHLOROMETHANE
	50	UG/L	1,2-DICHLOROPROPANE
	100	UG/L	TRANS-1,3-DICHLOROPROPENE
	50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
	50	UG/L	BENZENE
	50	UG/L	DIBROMOCHLOROMETHANE
	50	UG/L	1,1,2-TRICHLOROETHANE
	100	UG/L	CIS-1,3-DICHLOROPROPENE
	100	UG/L	2-CHLOROETHYL VINYL ETHER
	50	UG/L	BROMOFORM
	50	UG/L	1,1,2,2-TETRACHLOROETHANE
	50	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
	50	UG/L	TOLUENE
	50	UG/L	CHLOROBENZENE
	50	UG/L	ETHYL BENZENE
	50	UG/L	TOTAL XYLENES

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: P-1 HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM

SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST: FRA

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 #1850 BY RUD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE    \*N=NOT ANALYZED    \*NA=INTERFERENCES  
 \*J-ESTIMATED VALUE    \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WAIVER

RESULTS IN ug/L	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	DIETHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87CJ5549 SAMPLE TYPE: AMWHA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: D-1 PENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
PETARKE DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*REMARKS\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NL=INTERFERENCES
- \*E=ESTIMATED VALUE    \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO.: 87C15534 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D. DATE/TIME 02/23/87 0825 REC'D. BY: D COULQUIT  
SEALED? YES

CHEMIST: FRA  
ANALYTICAL METHOD:

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
11	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYL VINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2-TETRACHLOROETHANE
5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	TOTAL XYLENES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
 \*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NL=INTERFERENCES  
 \*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, -MISC  
WATER

SAMPLE NO. 1-87C15534 SAMPLE TYPE: AMBWA

RESULTS IN: ug/l COMPOUND NAME  
50U ACETONE  
50U METHYL ETHYL KETONE  
50U CARBON DISULFIDE  
50U METHYL BUTYL KETONE  
50U METHYL ISOBUTYL KETONE  
50U STYRENE  
50U VINYL ACETATE  
9JN CIS-1,2-DICHLOROETHENE

PROJECT NO: 187-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME: 02/23/87 0825 REC'D BY: D CULQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NL-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO.: 87C15541 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: MW-1 MONWL 1  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
2.83	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPANE
8.5	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	DIPHENYLCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

\*\*\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*AI=INTERFERENCES
- \*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS-GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: MG/L	COMPOUND NAME
500		ACETONE
500		METHYL ETHYL KETONE
500		CARBON DISULFIDE
500		METHYL BUTYL KETONE
500		METHYL ISOBUTYL KETONE
500		STYRENE
500		VINYL ACETATE

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO. 1 87C15541 SAMPLE TYPE: MONWL

PROJECT NO: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MN-1 MONWL  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045  
SAMPLE COLLECTION: STOP DATE/TIME 06/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D. COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE \*H-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-250 REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
50	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
500	UG/L	1,2-DICHLOROPROPANE
500	UG/L	TRANS-1,3-DICHLOROPROPENE
500	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
500	UG/L	BENZENE
500	UG/L	DIMMOCHELOMETHANE
500	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: NW-2 MONWL SOUTH OF PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1615  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BOKEY RECEIVED FROM: LOCKED C, ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*N=NOT ANALYZED \*NA=INTERFERENCES  
 \*J-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO. L-B7C15539 SAMPLE TYPE: MONWL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS (ML-LUG/L)	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: MCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-2 MONWL SOUTH OF PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 02/18/87 1615  
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: R BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE: / TIME: 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RUD  
REMARKS: DAVIS

SAMPLE LUG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A= AVERAGE VALUE \*N= NOT ANALYZED \*NAI= INTERFERENCES  
\*J= ESTIMATED VALUE \*N= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO.: 87C15536 SAMPLE TYPE: NORML

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADENT WELL  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 02/18/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME: 02/23/87 0825 REC'D BY: D COULQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHODS:

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
50	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
50	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	DIKOMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROETHYLENE
100	UG/L	2-CHLOROETHYL VINYL ETHER
50	UG/L	BRONDFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
50	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

RESULTS - IN - ug/L	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87C15516 SAMPLE TYPE: MONUL

PROJECT NO.: B7-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADENT WELL  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 02/16/87 1110

SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME: 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FPA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*AI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

		RESULTS	UNITS	COMPOUND
03/04/87	PURGEABLE ORGANICS ANALYSIS WATER	50	UG/L	CHLOROMETHANE
		50	UG/L	BROMOMETHANE
		50	UG/L	VINYL CHLORIDE
		50	UG/L	CHLOROETHANE
		50	UG/L	METHYLENE CHLORIDE
		50	UG/L	1,1-DICHLOROETHANE (1,1-DICHLOROETHYLENE)
		50	UG/L	1,1-DICHLOROETHANE
		50	UG/L	TRANS-1,2-DICHLOROETHENE
		50	UG/L	CHLOROFORM
		50	UG/L	1,2-DICHLOROETHANE
		50	UG/L	1,1,1-TRICHLOROETHANE
		50	UG/L	CARBON TETRACHLORIDE
		50	UG/L	BROMODICHLOROMETHANE
		50	UG/L	1,2-DICHLOROPROPANE
		100	UG/L	TRANS-1,3-DICHLOROPROPENE
		50	UG/L	TRICHLOROETHENE (TRICHLOROETHYLENE)
		50	UG/L	PHENZENE
		50	UG/L	DIBROMOCHLOROMETHANE
		50	UG/L	1,1,2-TRICHLOROETHANE
		100	UG/L	CIS-1,3-DICHLOROPROPENE
		100	UG/L	2-CHLOROETHYL VINYL ETHER
		50	UG/L	BROMOFORM
		50	UG/L	1,1,2,2-TETRACHLOROETHANE
		50	UG/L	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
		50	UG/L	TOLUENE
		50	UG/L	CHLOROBENZENE
		50	UG/L	ETHYL BENZENE
		50	UG/L	TOTAL XYLENES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*N/A=INTERFERENCES  
 \*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

RESULTS IN ug/l	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87C15538 SAMPLE TYPE: MUNWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-6 EAST OF LANDFILL MUNWL  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1315

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D. COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*N=NOT ANALYZED \*NA=INTERFERENCES  
\*J-ESTIMATED VALUE \*P=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPRI-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/04/87

PURGEABLE ORGANICS ANALYSIS  
WATER

SAMPLE NO. 1-87C15540 SAMPLE TYPE: MONWL

PROJECT NO. 1-87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: 1 MW-8 MONWL B  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D. COLOQUIT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

	RESULTS	UNITS	COMPOUND
	5U	UG/L	CHLOROMETHANE
	5U	UG/L	BROMOMETHANE
	2 SJ	UG/L	VINYLCHLORIDE
	5U	UG/L	CHLOROETHANE
	5U	UG/L	METHYLENE CHLORIDE
	5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
	5U	UG/L	1,1-DICHLOROETHANE
	5U	UG/L	TRANS-1,2-DICHLOROETHENE
	5U	UG/L	CHLOROFORM
	5U	UG/L	1,2-DICHLOROETHANE
	5U	UG/L	1,1,1-TRICHLOROETHANE
	5U	UG/L	CARBON TETRACHLORIDE
	5U	UG/L	PHOMODICHLOROMETHANE
	10U	UG/L	1,2-DICHLOROPROPANE
	10U	UG/L	TRANS-1,3-DICHLOROPROPENE
	5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
	5U	UG/L	BENZENE
	5U	UG/L	DIBROMOCHLOROMETHANE
	5U	UG/L	1,1,2-TRICHLOROETHANE
	10U	UG/L	CIS-1,3-DICHLOROPROPENE
	10U	UG/L	2-CHLOROETHYL VINYL ETHER
	5U	UG/L	BROMOFORM
	5U	UG/L	1,1,2,2-TETRACHLOROETHANE(TETRACHLOROETHYLENE)
	5U	UG/L	TOLUENE
	5U	UG/L	CHLOROBENZENE
	5U	UG/L	ETHYL BENZENE
	5U	UG/L	TOTAL XYLENES

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 # 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A= AVERAGE VALUE    \*NA= NOT ANALYZED    \*N/A= INTERFERENCES
- \*J= ESTIMATED VALUE    \*H= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN $\mu\text{G/L}$	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO.: 87C15540 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-8 MONWL 8  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D. DATE./TIME: 02/23/87 0825 REC'D. BY: D CULQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1830 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A=AVVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE \*K=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS-GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
42	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
70	UG/L	CARBON TETRACHLORIDE
67	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
4,2J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
4,2J	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	1,1,1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	TOTAL XYLENES

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
 \*A=AVGAE VALUE    #NA=NOT ANALYZED    \*NAI=INTERFERENCES  
 \*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

RESULTS IN: ug/l	COMPOUND NAME
600	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

SAMPLE NO.: 87C15542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: P-01 INFLUENT TO POND FROM PIPE  
STORE STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B. ROKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME: 02/23/87 0825 REC'D BY: D. COLOQUITT  
SEALED? YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

		RESULTS	UNITS	COMPOUND
03/04/87	PURGEABLE ORGANICS ANALYSIS WATER	50	UG/L	CHLOROMETHANE
		50	UG/L	BROMOMETHANE
		50	UG/L	VINYL CHLORIDE
		50	UG/L	CHLOROETHANE
		50	UG/L	METHYLENE CHLORIDE
		50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
		50	UG/L	1,1-DICHLOROETHANE
		50	UG/L	TRANS-1,2-DICHLOROETHENE
		50	UG/L	CHLOROFORM
		50	UG/L	1,2-DICHLOROETHANE
		50	UG/L	1,1,1-TRICHLOROETHANE
		50	UG/L	CARBON TETRACHLORIDE
		50	UG/L	BROMODICHLOROMETHANE
		50	UG/L	2-DICHLOROPROpane
		100	UG/L	TRANS-1,3-DICHLOROPROPENE
		50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
	STATION I.D.: CC-B BLANK SAMPLE	50	UG/L	BENZENE
	STORED STATION NO:	50	UG/L	DIAROMOCHLOROMETHANE
	SAMPLE COLLECTION: START DATE/TIME 02/18/87	50	UG/L	1,1,2-TRICHLOROETHANE
	SAMPLE COLLECTION: STOP DATE/TIME 00/00/00	100	UG/L	CIS-1,3-DICHLOROPROPENE
	COLLECTED BY: R BOKEY RECEIVED FROM: LOCKED C. ROOM	50	UG/L	2-CHLOROETHYL VINYL ETHER
	SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT	50	UG/L	BROMOFORM
	SEALED: YES	50	UG/L	1,1,2,2-TETRACHLOROETHANE
	CHEMIST: FRA	50	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
	ANALYTICAL METHODS:	50	UG/L	TOLUENE
		50	UG/L	CHLOROBENZENE
		50	UG/L	EIHYL BENZENE
		50	UG/L	TOTAL XYLENES

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A=AVGAE VALUE    \*NA=NOT ANALYZED    \*NI=INTERFERENCES  
 \*E=ESTIMATED VALUE    \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*X=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/MEG-TV  
ATHENS-GEORGIA

03/05/87 PURGEABLE ORGANICS ANALYSIS, MISC  
WATER

SAMPLE NO.: 87C15537 SAMPLE TYPE: BLKWA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

PROJECT NO: 1 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION 1 D: 1 CC-B BLANK SAMPLE  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B. ROKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D. COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 # 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A= AVERAGE VALUE \*N= NOT ANALYZED \*M= INTERFERENCES  
\*J= ESTIMATED VALUE \*P= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87

EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15522 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMISTS: DGR

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100J	UG/L	1,3-DICHLOROBENZENE
100J	UG/L	1,4-DICHLOROBENZENE
100J	UG/L	1,2-DICHLOROBENZENE
100J	UG/L	BIS(2-CHLOROETHYL) ETHER
100J	UG/L	HEXAChLORoETHANE
100J	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100J	UG/L	N-NITROSOdiI-N-PROPYLAMINE
100J	UG/L	NITROBENZENE
100J	UG/L	HEXAChLOROBUTADIENE
100J	UG/L	1,2,4-TRICHLOROBENZENE
100J	UG/L	NAPHTHALENE
100J	UG/L	BIS(2-CHLOROETHOXY) METHANE
100J	UG/L	ISOPHORONE
100J	UG/L	HEXAChLOROCYCLOPENTADIENE (HCOP)
100J	UG/L	2-CHLORONAPHTHALENE
100J	UG/L	ACENAPHTHYLENE
100J	UG/L	ACENAPHTHENE
100J	UG/L	DIMETHYL PHTHALATE
100J	UG/L	2,4-DINITROTOLUENE
100J	UG/L	2,6-DINITROTOLUENE
100J	UG/L	4-CHLOROPHENYL PHENYL ETHER
100J	UG/L	FLUORENE
100J	UG/L	DIETHYL PHTHALATE
100J	UG/L	N-NITROSOdIPHENYLAMINE/DIPHENYLAMINE
100J	UG/L	HEXAChLOROBENZENE (HCb)
100J	UG/L	4-BROMOPHENYL PHENYL ETHER
100J	UG/L	PHENANTHRENE
100J	UG/L	ANTHRACENE
100J	UG/L	CI-N-BUTYLPHTHALATE
100J	UG/L	FLUORANTHENE
100J	UG/L	PYRENE
100J	UG/L	BENZYL BUTYL PHTHALATE
100J	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100J	UG/L	BENZOCAJANTHRACENE
100J	UG/L	CHRYSENE
100J	UG/L	3,3'-DICHLOROBENZIDINE
100J	UG/L	DI-N-OCTYLPHTHALATE
100J	UG/L	BENZO(CB AND/OR K)FLUORANTHENE
100J	UG/L	BENZO(CB AND/OR K)FLUORANTHENE
100J	UG/L	BENZO-A-PYRENE
100J	UG/L	INDENO (1,2,3-CD) PYRENE
100J	UG/L	DIBENZO(A,H)ANTHRACENE
100J	UG/L	BENZO(GH)PERYLENE
100J	UG/L	2-CHLOROPHENOL
100J	UG/L	2-NITROPHENOL
100J	UG/L	PHENOL
100J	UG/L	2,4-DIMETHYLPHENOL
100J	UG/L	2,4-DICHLOROPHENOL
100J	UG/L	2,4,6-TRICHLOROPHENOL
200J	UG/L	4-CHLORD-3-METHYLPHENOL
200J	UG/L	2,4-DINITROPHENOL
200J	UG/L	2-METHYL-4,6-DINITROPHENOL
200J	UG/L	PENTACHLOROPHENOL
200J	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15522 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NC:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

###REMARKS###

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200J	BENZOIC ACID
100J	2-METHYLPHENOL
100J	4-METHYLPHENOL
100J	2,4,5-TRICHLOROPHENOL
100J	BENZYL ALCOHOL
200J	4-CHLORDANILINE
100J	DIBENZOFURAN
100J	2-METHYLNAPHTHALENE
100J	2-NITROANILINE
100J	3-NITROANILINE
100J	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESC, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15524 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 #J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXAChLORoETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSOZ-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXAChLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROSENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROToluene
100	UG/L	2,6-DINITROToluene
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSOZDIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXAChLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(a)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYLPHthalate
100	UG/L	BENZO(a) AND/OR K)FLUORANTHENE
100	UG/L	BENZO(a) AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO (1,2,3-CD) PYRENE
100	UG/L	DI(BENZO(a,h))ANTHRACENE
100	UG/L	BENZO(GHI)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
200	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-CINNITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15524 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: O COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*\*A-AVERAGE VALUE \*\*NA-NOT ANALYZED \*\*NAI-INTERFERENCES  
\*\*E-ESTIMATED VALUE \*\*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE
73N	DIETHYLtetraHYDROFURAN
33N	CAFFEINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15528 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1500

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
10U	UG/L	1,3-DICHLOROBENZENE
10U	UG/L	1,4-DICHLOROBENZENE
10U	UG/L	1,2-DICHLOROBENZENE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXA-CHLOROBUTADIENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	BIS(2-CHLOROETHOXY) METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCPC)
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXA-CHLOROBENZENE (HC8)
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE
10U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYL PHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYL PHTHALATE
10U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
10U	UG/L	BENZO(B AND/OR K)FLUDRANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO(1,2,3-CD) PYRENE
10U	UG/L	OIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GH)PERYLENE
10UJ	UG/L	2-CHLOROPHENOL
10UJ	UG/L	2-NITROPHENOL
10UJ	UG/L	PHENOL
10UJ	UG/L	2,4-DIMETHYLPHENOL
10UJ	UG/L	2,4-DICHLOROPHENOL
10UJ	UG/L	2,4,6-TRICHLOROPHENOL
10UJ	UG/L	4-CHLORO-3-METHYLPHENOL
20UJ	UG/L	2,4-DINITROPHENOL
20UJ	UG/L	2-METHYL-4,6-CINITROPHENOL
20UJ	UG/L	PENTACHLOROPHENOL
20UJ	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15528 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/ TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200J	BENZOIC ACID
100J	2-METHYLPHENOL
100J	4-METHYLPHENOL
100J	2,4,5-TRICHLOROPHENOL
100J	BENZYL ALCOHOL
200J	4-CHLOROANILINE
100J	DIBENZOFURAN
100J	2-METHYLNAPHTHALENE
100J	2-NITROANILINE
100J	3-NITROANILINE
100J	4-NITROANILINE
8JN	HEPTANOL
5JN	CHLOROCYCLOHEXANOL
1JN	NITROSMORPHOLINE
1JN	DICHLOROCYCLOHEXANE
10JN	DIETHYLTETRAHYDROFURAN
1JN	BROMOCYCLOHEXENE
4JN	DIHYDROINDOLONE (2 ISOMERS)
70J	3 UNIDENTIFIED COMPOUNDS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
##K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
##L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
##U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87

EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15526 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-1 UPSTREAM STOUT BAYOU

STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 2440

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
 \*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXAETHYLDECAETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSODI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXAETHYLBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXAETHYLCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXAETHYLBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYLPHTHALATE
100	UG/L	BENZO(CB AND/OR K)FLUORANTHENE
100	UG/L	BENZO(CB AND/OR K)FLUORANTHENE
100	UG/L	RENZO-A-PYRENE
100	UG/L	INDENO[1,2,3-CD] PYRENE
100	UG/L	DI(BENZO(A,H))ANTHRACENE
100	UG/L	BENZO(GHI)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLOR-3-METHYLPHENOL
100	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESC, REG IV  
ATHENS, GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15526 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-1 UPSTREAM-STOUT-BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1440  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE: / TIME 02/23/87 0825 REC'D BY: O COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
200 BENZOIC ACID  
100 2-METHYLPHENOL  
100 4-METHYLPHENOL  
100 2,4,5-TRICHLOROPHENOL  
100 BENZYL ALCOHOL  
200 4-CHLOROANILINE  
100 DIBENZOFURAN  
100 2-METHYLNAPHTHALENE  
100 2-NITROANILINE  
100 3-NITROANILINE  
100 4-NITROANILINE  
3JN TRIC(BUTOXYETHANOL)PHOSPHATE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15532 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-2 STOUT BAYOU DOWNSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 #A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
 #E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXA CHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSDI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXA CHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA CHLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA CHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZODI(CA)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	OI-N-OCTYL PHTHALATE
100	UG/L	BENZO(CB AND/OR K)FLUORANTHENE
100	UG/L	BENZO(CS AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO (1,2,3-CD) PYRENE
100	UG/L	DIBENZO(CA,H)ANTHRACENE
100	UG/L	BENZO(GHHS)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15532 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-2 STGUT-BAYOU DOWNSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055  
SAMPLE COLLECTION: STOP DATE/TIME 08/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS INT UG/L	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE
5JN	CAFFEINE
	TRIC(BUTOXYETHANOL)PHOSPHATE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
SA-AVERAGE VALUE ANA-NOT ANALYZED SNAI-INTERFERENCES  
#U-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\$K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\$L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\$U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15530 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-I HATCHER BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

##REMARKS##

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXA CHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSODI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXA CHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA CHLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA CHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(C,A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYLPHTHALATE
100	UG/L	BENZO(C,B AND/OR K)FLUORANTHENE
100	UG/L	BENZO(B AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO(1,2,3-CD) PYRENE
100	UG/L	OIBENZO(C,A,H)ANTHRACENE
100	UG/L	BENZO(G,H,I)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
200	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15530 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU-UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLORDANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITRODANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 #A-AVERAGE VALUE      #NA-NOT ANALYZED      #NAI-INTERFERENCES  
 #J-ESTIMATED VALUE      #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESC, REG IV  
ATHENS, GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER  
SAMPLE NO.: 87C15549 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: D-1 HENNESSEYS-BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSODI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXACHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXACHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYL PHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(C,A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	OI-N-OCTYL PHTHALATE
100	UG/L	BENZO(C,B AND/OR K)FLUORANTHENE
100	UG/L	BENZO(C,B AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO-(1,2,3-CD) PYRENE
100	UG/L	OIBENZO(A,H)ANTHRACENE
100	UG/L	BENZO(G,H,I)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
200	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15549 SAMPLE TYPE: AMBWA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: D-1 HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS

WATER

SAMPLE NO.: 87C15534 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP - DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/AI-INTERFERENCES  
\*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
12U	UG/L	1,3-DICHLOROBENZENE
12U	UG/L	1,4-DICHLOROBENZENE
12U	UG/L	1,2-DICHLOROBENZENE
12U	UG/L	BIS(2-CHLOROETHYL) ETHER
12U	UG/L	HEXACHLOROETHANE
12U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
12U	UG/L	N-NITROSODIETHYLAMINE
12U	UG/L	NITROBENZENE
12U	UG/L	HEXAChLOROBUTADIENE
12U	UG/L	1,2,4-TRICHLOROBENZENE
12U	UG/L	NAPHTHALENE
12U	UG/L	BIS(2-CHLOROETHOXY) METHANE
12U	UG/L	ISOPHORONE
12U	UG/L	HEXAChLOROCYCLOPENTADIENE (HCCP)
12U	UG/L	2-CHLORONAPHTHALENE
12U	UG/L	ACENAPHTHYLENE
12U	UG/L	ACENAPHTHENE
12U	UG/L	DIMETHYL PHTHALATE
12U	UG/L	2,4-DINITROTOLUENE
12U	UG/L	2,6-DINITROTOLUENE
12U	UG/L	4-CHLOROPHENYL PHENYL ETHER
12U	UG/L	FLUORENE
12U	UG/L	DIETHYL PHTHALATE
12U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
12U	UG/L	HEXAChLOROBENZENE (HCB)
12U	UG/L	4-BROMOPHENYL PHENYL ETHER
12U	UG/L	PHENANTHRENE
12U	UG/L	ANTHRACENE
12U	UG/L	DI-N-8UTYL PHTHALATE
12U	UG/L	FLUORANTHENE
12U	UG/L	PYRENE
12U	UG/L	BENZYL BUTYL PHTHALATE
12U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
12U	UG/L	BENZO(C,A)ANTHRACENE
12U	UG/L	CHRYSENE
12U	UG/L	3,3'-DICHLOROBENZIDINE
12U	UG/L	DI-N-OCTYL PHTHALATE
12U	UG/L	BENZO(C,B) AND/OR K FLUORANTHENE
12U	UG/L	BENZO(C,B) AND/OR K FLUORANTHENE
12U	UG/L	BENZO-A-PYRENE
12U	UG/L	INDENO (1,2,3-C,D) PYRENE
12U	UG/L	OBENZO(A,H)ANTHRACENE
12U	UG/L	BENZO(G,H,I)PERYLENE
12U	UG/L	2-CHLOROPHENOL
12U	UG/L	2-NITROPHENOL
12U	UG/L	PHENOL
12U	UG/L	2,4-DIMETHYLPHENOL
12U	UG/L	2,4-DICHLOROPHENOL
12U	UG/L	2,4,6-TRICHLOROPHENOL
23U	UG/L	4-CHLORO-3-METHYLPHENOL
23U	UG/L	2,4-DINITROPHENOL
23U	UG/L	2-METHYL-4,6-DINITROPHENOL
23U	UG/L	PENTACHLOROPHENOL
23U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15534 SAMPLE TYPE: AEWHA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME

230	8-BENZOIC ACID
120	2-METHYLPHENOL
120	4-METHYLPHENOL
120	2,4,5-TRICHLOROPHENOL
120	BENZYL ALCOHOL
230	4-CHLORANILINE
120	DIBENZOFURAN
120	2-METHYLNAPHTHALENE
120	2-NITROANILINE
120	3-NITROANILINE
120	4-NITROANILINE
10JN	ATRAZINE
3JN	CHLOROBIS(METHYLETHYL)TRIAZINEDIAMINE
4JN	DINOSEB

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87

EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15541 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONWL-1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
10U	UG/L	1,3-DICHLOROBENZENE
10U	UG/L	1,4-DICHLOROBENZENE
10U	UG/L	1,2-DICHLOROBENZENE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	HEXA CHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXA CHLOROBUTADIENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	BIS(2-CHLOROETHOXY) METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXA CHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	4-CHLORDIPHENYL PHENYL ETHER
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXA CHLOROBENZENE (HCB)
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE
10U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYL PHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(CA)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYL PHTHALATE
10U	UG/L	BENZO(CB) AND/OR K FLUORANTHENE
10U	UG/L	BENZO(CB) AND/OR K FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	IBENZO(CA,H)ANTHRACENE
10U	UG/L	BENZO(GH)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-2-METHYLPHENOL
20U	UG/L	2,4-DINITROPHENOL
68	UG/L	2-METHYL-4,6-DINITROPHENOL
20U	UG/L	PENTACHLOROPHENOL
20U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15541 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONWL 1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP -- DATA VERIFIED BY: TBB

REMARKS#

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/L	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLORDANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE
100N	HYDROXYBENZONITRILE
300N	DIHYDROINDOLONE
200N	TETRACHLOROPHENOL
200N	ATRAZINE
300N	DINOSEB
N	BROMACIL
N	PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15539 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-2 MONWL-SOUTH OF PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1615

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
#E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSO-DI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXA-CHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCPC)
100	UG/L	Z-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSO-DIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA-CHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYL PHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(CA)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYL PHTHALATE
100	UG/L	BENZO(CB) AND/OR K) FLUORANTHENE
100	UG/L	BENZO(CB) AND/OR K) FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO (1,2,3-CD) PYRENE
100	UG/L	DIBENZO(A,H)ANTHRACENE
100	UG/L	BENZO(GHHS)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15539 SAMPLE TYPE: MONWL

PROJECT NO.: BT-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-2 MONWL SOUTH OF PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1615

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDC  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP - DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
200	BENZIDIC ACID
100	2-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE
N	PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #N/A-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: B7C15536 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADIENT WELL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSO-DI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXACHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORDNAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXACHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYLPHTHALATE
100	UG/L	BENZO(C,B) AND/OR K FLUORANTHENE
100	UG/L	BENZO(C,B) AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO (1,2,3-C,D) PYRENE
100	UG/L	DIBENZO(A,H)ANTHRACENE
100	UG/L	BENZO(GH)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	3,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15536 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCES: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADENT WELL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROC  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15538 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-6 EAST OF LANDFILL MONWL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1315  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0625 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #N/A-INTERFERENCES  
#E-ESTIMATED VALUE #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSODI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXA-CHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCOP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA-CHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-PHENYL PHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(a)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYL PHTHALATE
100	UG/L	BENZO(a) AND/OR K FLUORANTHENE
100	UG/L	BENZO(b) AND/OR K FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENO (1,2,3-CD) PYRENE
100	UG/L	DIBENZO(a,h)ANTHRACENE
100	UG/L	BENZO(GH)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESC, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15538 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-6 EAST OF LANDFILL MONWL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1315

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
200 BENZOIC ACID  
100 2-METHYLPHENOL  
100 4-METHYLPHENOL  
100 2,4,5-TRICHLOROPHENOL  
100 BENZYL ALCOHOL  
200 4-CHLORDANILINE  
100 DIBENZOFURAN  
100 2-METHYLNAPHTHALENE  
100 2-NITROANILINE  
100 3-NITROANILINE  
100 4-NITROANILINE  
2JN ATRAZINE  
N PETROLEUM PRODUCT

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87

EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: B7C15540 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-8 MONWL 8  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXA(2-CHLOROETHANE)
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSODI-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXA(2-CHLOROBUTADIENE)
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA(2-CHLOROCYCLOPENTADIENE (HCCP))
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA(2-CHLOROBENZENE (HC8))
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYL PHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZOC(A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	1,3-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYL PHTHALATE
100	UG/L	BENZOC(B AND DR K)FLUORANTHENE
100	UG/L	BENZOC(B AND DR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENE (1,2,3-CO) PYRENE
100	UG/L	DIENZO(A,H)ANTHRACENE
100	UG/L	BENZO(GHI)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,6,6-TRICHLOROPHENOL
200	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-CINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15540 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-8 MONWL-8  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#EJ-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#QU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME

20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
40JN	ATRAZINE
N	CHLOROBIS(METHYLETHYL)TRIAZINEDIAMINE
	PETROLEUM PRODUCT

3JN

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: P-01 INFLUENT TO POND FROM PIPE  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROETHYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	N-NITROSOO-N-PROPYLAMINE
100	UG/L	NITROBENZENE
100	UG/L	HEXACHLOROPUTAOIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXACHLOROCYCLOPENTADIENE (HCPC)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTCLUENE
100	UG/L	2,6-DINITROTCLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSDIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXACHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	OI-N-BUTYLPHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(C,A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	DI-N-OCTYLPHthalate
100	UG/L	BENZO(C,B) AND/OR K)FLUORANTHENE
100	UG/L	BENZO(C,B) AND/OR K)FLUORANTHENE
100	UG/L	BENZO(A)-PYRENE
100	UG/L	INDENO (1,2,3-CD) PYRENE
100	UG/L	DIBENZO(A,H)ANTHRACENE
100	UG/L	BENZO(GHI)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
200	UG/L	2,4-DINITROPHENOL
200	UG/L	2-METHYL-4,6-DINITROPHENOL
200	UG/L	PENTACHLOROPHENOL
200	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.O.: P-01 INFLUENT TO POND FROM PIPE  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DIBENZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE
2JN	TETRAMETHYLUREA
2JN	NITROSOMORPHOLINE
100JN	(METHYLPROPYL)PHENOL
3JN	DIHYDROINDOLONE
200JN	ATRAZINE
200JN	DINGSEB
40J	2 UNIDENTIFIED COMPOUNDS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/10/87

EXTRACTABLE ORGANIC ANALYSIS  
WATER

SAMPLE NO.: 87C15537 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I-D.: CC-B BLANK SAMPLE  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0625 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: T88

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/L	1,3-DICHLOROBENZENE
100	UG/L	1,4-DICHLOROBENZENE
100	UG/L	1,2-DICHLOROBENZENE
100	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
100	UG/L	HEXACHLOROETHANE
100	UG/L	NITROBENZENE
100	UG/L	HEXA-CHLOROBUTADIENE
100	UG/L	1,2,4-TRICHLOROBENZENE
100	UG/L	NAPHTHALENE
100	UG/L	BIS(2-CHLOROETHOXY) METHANE
100	UG/L	ISOPHORONE
100	UG/L	HEXA-CHLOROCYCLOPENTADIENE (HCCP)
100	UG/L	2-CHLORONAPHTHALENE
100	UG/L	ACENAPHTHYLENE
100	UG/L	ACENAPHTHENE
100	UG/L	DIMETHYL PHTHALATE
100	UG/L	2,4-DINITROTOLUENE
100	UG/L	2,6-DINITROTOLUENE
100	UG/L	4-CHLOROPHENYL PHENYL ETHER
100	UG/L	FLUORENE
100	UG/L	DIETHYL PHTHALATE
100	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
100	UG/L	HEXA-CHLOROBENZENE (HCB)
100	UG/L	4-BROMOPHENYL PHENYL ETHER
100	UG/L	PHENANTHRENE
100	UG/L	ANTHRACENE
100	UG/L	DI-N-BUTYL PHTHALATE
100	UG/L	FLUORANTHENE
100	UG/L	PYRENE
100	UG/L	BENZYL BUTYL PHTHALATE
100	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
100	UG/L	BENZO(A)ANTHRACENE
100	UG/L	CHRYSENE
100	UG/L	3,3'-DICHLOROBENZIDINE
100	UG/L	OI-N-OCTYL PHTHALATE
100	UG/L	BENZO(C,B AND/OR K)FLUORANTHENE
100	UG/L	BENZO(C,B AND/OR K)FLUORANTHENE
100	UG/L	BENZO-A-PYRENE
100	UG/L	INDENE (1,2,3-CD) PYRENE
100	UG/L	DIBENZO(A,H)ANTHRACENE
100	UG/L	BENZO(C,G,H,I)PERYLENE
100	UG/L	2-CHLOROPHENOL
100	UG/L	2-NITROPHENOL
100	UG/L	PHENOL
100	UG/L	2,4-DIMETHYLPHENOL
100	UG/L	2,4-DICHLOROPHENOL
100	UG/L	2,4,6-TRICHLOROPHENOL
100	UG/L	4-CHLORO-3-METHYLPHENOL
100	UG/L	2,4-DINITROPHENOL
100	UG/L	2-METHYL-4,6-DINITROPHENOL
100	UG/L	PENTACHLOROPHENOL
100	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15537 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-8 BLANK-SAMPLE  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: C COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l	COMPOUND NAME
200	BENZOIC ACID
100	2-METHYLPHENOL
100	4-METHYLPHENOL
100	2,4,5-TRICHLOROPHENOL
100	BENZYL ALCOHOL
200	4-CHLOROANILINE
100	DISUBZOFURAN
100	2-METHYLNAPHTHALENE
100	2-NITROANILINE
100	3-NITROANILINE
100	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*PN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15522 SAMPLE TYPE: AM3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 0925  
SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.029U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.093U	UG/L	ALPHA-BHC
0.14U	UG/L	BETA-BHC
0.10U	UG/L	GAMMA-BHC (LINDBANE)
0.11U	UG/L	DELTA-BHC
0.027U	UG/L	ENDOSULFAN I (ALPHA)
0.032U	UG/L	DIELDRIN
0.054U	UG/L	4,4'-DDT (P,P'-DDT)
0.033U	UG/L	4,4'-DDE (P,P'-DDE)
0.052U	UG/L	4,4'-DDD (P,P'-DDD)
0.043U	UG/L	ENDRIN
0.036U	UG/L	ENDOSULFAN II (BETA)
0.071U	UG/L	ENDOSULFAN SULFATE
0.22U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.35U	UG/L	PCB-1242 (CAROCLOR 1242)
0.59U	UG/L	PCB-1254 (CAROCLOR 1254)
0.35U	UG/L	PCB-1221 (CAROCLOR 1221)
0.35U	UG/L	PCB-1232 (CAROCLOR 1232)
0.59U	UG/L	PCB-1246 (CAROCLOR 1246)
0.25U	UG/L	PCB-1260 (CAROCLOR 1260)
2.2U	UG/L	PCB-1016 (CAROCLOR 1016)
--	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYCHLOR
0.058U	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED ANAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*\*-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM QUANTITATION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15524 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130  
SAMPLE COLLECTION: STOP DATE/TIME 03/03/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J COLEQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TRB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.042U	UG/L	HEPTACHLOR
0.028U	UG/L	HEPTACHLOR EPOXIDE
0.093U	UG/L	ALPHA-BHC
0.14U	UG/L	BETA-BHC
0.19U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.027U	UG/L	ENDOSULFAN I (ALPHA)
0.032U	UG/L	ENDOSULFAN II (BETA)
0.058U	UG/L	ENDOSULFAN SULFATE
0.039U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.052U	UG/L	PCB-1242 (CAROCLOR 1242)
0.048U	UG/L	PCB-1254 (CAROCLOR 1254)
0.035U	UG/L	PCB-1221 (CAROCLOR 1221)
0.039U	UG/L	PCB-1232 (CAROCLOR 1232)
0.055U	UG/L	PCB-1248 (CAROCLOR 1248)
0.053U	UG/L	PCB-1260 (CAROCLOR 1260)
0.035U	UG/L	PCB-1016 (CAROCLOR 1016)
2.2U	UG/L	TOKAPHENONE
--	UG/L	CHLORODENE /2
--	UG/L	ALPHA-CHLORODENE /2
--	UG/L	BETA-CHLORODENE /2
--	UG/L	GAMMA-CHLORODENE /2
--	UG/L	1-HYDROXYCHLORODENE /2
--	UG/L	GAMMA-CHLORODANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXICHLOR
0.068U	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*\*N/A-NOT ANALYZED \*\*\*NAT-INTERFERENCES  
\*\*J-ESTIMATED VALUE \*\*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESO, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*  
RESULTS IN: ug/L COMPOUND NAME  
0.18M ATRAZINE

04/02/87 PESTICIDES/PCRS ANALYSIS, MISC ~  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15524 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STREET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0525 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TJB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED ORAI-INTERFERENCES  
\*E-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15529      SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.220	UG/L	ENDRIN
0.160	UG/L	HEPTACHLOR
0.210	UG/L	HEPTACHLOR EPXIDE
0.380	UG/L	ALPHA-BHC
0.530	UG/L	BETA-BHC
0.400	UG/L	GAMMA-BHC (CLINDANE)
0.140	UG/L	DELTA-BHC
0.410	UG/L	ENDOSULFAN I (ALPHA)
0.320	UG/L	DIELDRIN
0.280	UG/L	4,4'-DDT (P,P'-DDT)
0.270	UG/L	4,4'-DDE (P,P'-DDE)
0.360	UG/L	4,4'-DDD (P,P'-DDD)
0.250	UG/L	ENDRIN
0.380	UG/L	ENDOSULFAN II (BETA)
1.70	UG/L	CHLORDANE (TECH. MIXTURED) /1
3.50	UG/L	PCB-1242 (CAROCLOR 1242)
3.60	UG/L	PCB-1254 (CAROCLOR 1254)
3.50	UG/L	PCB-1221 (CAROCLOR 1221)
3.50	UG/L	PCB-1232 (CAROCLOR 1232)
3.00	UG/L	PCB-1248 (CAROCLOR 1248)
2.50	UG/L	PCB-1260 (CAROCLOR 1260)
110	UG/L	PCB-1016 (CAROCLOR 1016)
--	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.680	UG/L	METHOKYCHLOR
0.340	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

QA-AVERAGE VALUE      QNA-NOT ANALYZED      QNI-INTERFERENCES  
QE-ESTIMATED VALUE      QN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
QK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
QM-MATERIAL WAS QUANLYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

- 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
0.54JN ATRAZINE

04/02/87

PESTICIDES/PCBS ANALYSIS, MISC ~  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15529 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 02/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBR

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*X-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/97 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15526 SAMPLE TYPE: AM3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-1 UPSTREAM STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/97 1440

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/97 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/97 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBA

REMARKS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPXIDE
0.020U	UG/L	ALPHA-BHC
0.030U	UG/L	BETA-BHC
0.013U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.032U	UG/L	ENDOSULFAN I (ALPHA)
0.053U	UG/L	DIELDRIN
0.043U	UG/L	4,4'-DDT (P,P'-DDT)
0.043U	UG/L	4,4'-DDE (P,P'-DDE)
0.053U	UG/L	4,4'-DDD (P,P'-DDD)
0.049U	UG/L	ENDRIN
0.036U	UG/L	ENDOSULFAN II (BETA)
0.071U	UG/L	ENDOSULFAN SULFATE
0.200	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.350	UG/L	PCB-1242 (CAROCLOR 1242)
0.590	UG/L	PCB-1254 (CAROCLOR 1254)
0.350	UG/L	PCB-1221 (CAROCLOR 1221)
0.350	UG/L	PCB-1232 (CAROCLOR 1232)
0.350	UG/L	PCB-1248 (CAROCLOR 1248)
0.590	UG/L	PCB-1260 (CAROCLOR 1260)
0.350	UG/L	PCB-1016 (CAROCLOR 1016)
2.20	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYPHENOL
0.063U	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 QA-AVERAGE VALUE QNA-NOT ANALYZED QNA-INTERFERENCES  
 QJ-ESTIMATED VALUE QN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 QK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 QU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESO, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15532 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 8-2 STOUT BAYOU DOWNSTREAM

STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1950 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

AGGREMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.100	UG/L	ALDRIN
0.240	UG/L	HEPTACHLOR
0.110	UG/L	HEPTACHLOR EPOXIDE
0.370	UG/L	ALPHA-BHC
0.560	UG/L	BETA-BHC
0.400	UG/L	GAMMA-BHC (LINDANE)
0.230	UG/L	DELTA-BHC
0.140	UG/L	ENDOSULFAN I (ALPHA)
0.160	UG/L	DIELDRIN
0.290	UG/L	4,4'-DDT (P,P'-DDT)
0.170	UG/L	4,4'-DDD (P,P'-DDD)
0.240	UG/L	4,4'-DDO (P,P'-DDO)
0.250	UG/L	ENDRIN
0.180	UG/L	ENDOSULFAN II (BETA)
0.330	UG/L	ENDOSULFAN SULFATE
0.930	UG/L	CHLORDANE (TECH. MIXTURE) /1
3.50	UG/L	PCB-1242 (CAROCOLOR 1242)
3.00	UG/L	PCB-1254 (CAROCOLOR 1254)
3.50	UG/L	PCB-1221 (CAROCOLOR 1221)
3.50	UG/L	PCB-1232 (CAROCOLOR 1232)
3.00	UG/L	PCB-1248 (CAROCOLOR 1248)
3.50	UG/L	PCB-1260 (CAROCOLOR 1260)
3.50	UG/L	PCB-1016 (CAROCOLOR 1016)
--	UG/L	TUXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.600	UG/L	METHOXYCHLOR
0.320	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 NA-AVERAGE VALUE MA-NOT ANALYZED MAI-INTERFERENCES  
 NJ-ESTIMATED VALUE BN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 NK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 ND-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15530 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU UPSTREAM  
STOREST STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0625 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.12U	UG/L	ALDRIN
0.10U	UG/L	HEPTACHLOR
0.12U	UG/L	HEPTACHLOR EPOXIDE
0.10U	UG/L	ALPHA-BHC
0.15U	UG/L	BETA-3HCB
0.11U	UG/L	GAMMA-BHC (LINDANE)
0.12U	UG/L	DELTA-BHC
0.030U	UG/L	ENDOSULFAN I (ALPHA)
0.035U	UG/L	DIELDRIN
0.065U	UG/L	4,4'-DDT (P,P'-DDT)
0.044U	UG/L	4,4'-DDD (P,P'-DDD)
0.058U	UG/L	4,4'-DDO (P,P'-DDO)
0.055U	UG/L	ENDRIN
0.042U	UG/L	ENDOSULFAN II (BETA)
0.071U	UG/L	ENDOSULFAN SULFATE
1.0U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.55U	UG/L	PCB-1242 (CAROCLOR 1242)
1.8U	UG/L	PCB-1254 (CAROCLOR 1254)
1.3U	UG/L	PCB-1221 (CAROCLOR 1221)
1.3U	UG/L	PCB-1232 (CAROCLOR 1232)
0.66U	UG/L	PCB-1249 (CAROCLOR 1249)
1.8U	UG/L	PCB-1260 (CAROCLOR 1260)
2.3U	UG/L	PCB-1015 (CAROCLOR 1015)
--	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANENE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.13U	UG/L	METHOXYCHLOR
0.075U	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAT-INTERFERENCES  
\*\*E-ESTIMATED VALUE \*\*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
0.20N ATRAZINE

04/02/87 PESTICIDES/PCBS ANALYSIS, MISC ~  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15530 SAMPLE TYPE: AMWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU UPSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0615  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: J COLETTI  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TAA

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE QNA-NOT ANALYZED MNAT-INTERFERENCES  
\*E-ESTIMATED VALUE UN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15549    SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MS

STATION I.D.: D-1 HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: R DAVIS    RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825    REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHODS:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RCD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP    DATA VERIFIED BY: TRB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.0250	UG/L	ALDRIN
0.0220	UG/L	HEPTACHLOR
0.0270	UG/L	HEPTACHLOR EPOXIDE
0.0200	UG/L	ALPHA-BHC
0.0300	UG/L	BETA-BHC
0.0190	UG/L	GAMMA-BHC (LINDANE)
0.0230	UG/L	DELTA-BHC
0.0300	UG/L	ENDOSULFAN I (ALPHA)
0.0350	UG/L	DIENDRIN
0.0540	UG/L	4,4'-DDT (P,P'-DDT)
0.0390	UG/L	4,4'-DDD (P,P'-DDD)
0.0520	UG/L	4,4'-DDO (P,P'-DDO)
0.0540	UG/L	ENDRIN
0.0350	UG/L	ENDOSULFAN II (BETA)
0.0340	UG/L	ENDOSULFAN SULFATE
0.190	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.350	UG/L	PCB-1242 (CARBOCLOR 1242)
0.390	UG/L	PCB-1254 (CARBOCLOR 1254)
0.350	UG/L	PCB-1221 (CARBOCLOR 1221)
0.350	UG/L	PCB-1232 (CARBOCLOR 1232)
0.590	UG/L	PCB-1248 (CARBOCLOR 1248)
0.350	UG/L	PCB-1260 (CARBOCLOR 1260)
2.20	UG/L	PCB-1016 (CARBOCLOR 1016)
--	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANS /2
--	UG/L	CIS-NONACHLOR /2
0.120	UG/L	METHOXICHLOR
0.0680	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

%A-AVERAGE VALUE    %NA-NOT ANALYZED    %NI-INTERFERENCES  
%E-ESTIMATED VALUE    %NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
%K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
%U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/L COMPOUND NAME  
0.28N ATRAZINE

04/02/87 PESTICIDES/PCBS ANALYSIS, MISC -  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15549 SAMPLE TYPE: AM3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: D-1 HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87 0000

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D COQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
SU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPACESO, REG IV  
ATHENS, GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C19534 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 03/19/87 1230  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: MFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS	UNITS	COMPOUND
0.120	UG/L	ALDRIN
0.110	UG/L	HEPTACHLOR
0.120	UG/L	HEPTACHLOR EPOXIDE
0.140	UG/L	ALPHA-BHC
0.150	UG/L	BETA-BHC
0.110	UG/L	GAMMA-BHC (CLINDANE)
0.110	UG/L	DELTA-BHC
0.150	UG/L	ENDOSULFAN I (ALPHA)
0.180	UG/L	DISLORIN
0.220	UG/L	4,4'-DDT (P,P'-DDT)
0.190	UG/L	4,4'-DDE (P,P'-DDDE)
0.270	UG/L	4,4'-DDD (P,P'-DDD)
0.270	UG/L	ENDRIN
0.200	UG/L	ENDOSULFAN II (BETAD)
0.370	UG/L	ENDOSULFAN SULFATE
1.90	UG/L	CHLORDANE (TECH. MIXTURE) /1
1.90	UG/L	PCB-1242 (AROCOLOR 1242)
1.90	UG/L	PCB-1254 (AROCOLOR 1254)
1.90	UG/L	PCB-1221 (AROCOLOR 1221)
1.90	UG/L	PCB-1232 (AROCOLOR 1232)
1.90	UG/L	PCB-1248 (AROCOLOR 1248)
1.90	UG/L	PCB-1260 (AROCOLOR 1260)
1.90	UG/L	PCB-1016 (AROCOLOR 1016)
120	UG/L	T2XAPHENONE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.670	UG/L	METHOXYCHLOR
0.360	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

N/A - AVERAGE VALUE N/A - NOT ANALYZED N/AI - INTERFERENCES  
 #J - ESTIMATED VALUE #N - PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K - ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #U - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87      PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS IN: ug/l    COMPOUND NAME  
4.6AN    DINOBEG  
6.3A    CYANAZINE  
25A    ATRAZINE

SAMPLE NO.: 87C15534      SAMPLE TYPE: 4M8WA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A=VERAGE VALUE    #NA=NOT ANALYZED    #N/A=INTERFERENCES  
\*\*E=ESTIMATED VALUE    #N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
##K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
##L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
##U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NJ.: 87C15541 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONWL 1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045  
SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0325 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TSS

REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.220	UG/L	ALDRIN
0.490	UG/L	HEPTACHLOR
0.210	UG/L	HEPTACHLOR EPOXIDE
0.303	UG/L	ALPHA-BHC
0.260	UG/L	BETA-BHC
0.310	UG/L	GAMMA-BHC (LINDANE)
0.280	UG/L	DELTA-BHC
0.330	UG/L	ENDOSULFAN I (ALPHA)
0.500	UG/L	DIELDRIN
0.380	UG/L	4,4'-DDT (P,P'-DDT)
0.550	UG/L	4,4'-DDE (P,P'-DDE)
0.380	UG/L	4,4'-DDD (P,P'-DDD)
0.390	UG/L	ENDRIN
0.370	UG/L	ENDOSULFAN II (BETA)
0.530	UG/L	ENDOSULFAN SULFATE
1.30	UG/L	CHLORDANE (TECH. MIXTURE) /1
5.90	UG/L	PCB-1242 (AROCLOL 1242)
3.90	UG/L	PCB-1254 (AROCLOL 1254)
3.80	UG/L	PCB-1221 (AROCLOL 1221)
3.80	UG/L	PCB-1232 (AROCLOL 1232)
3.80	UG/L	PCB-1248 (AROCLOL 1248)
3.90	UG/L	PCB-1260 (AROCLOL 1260)
3.90	UG/L	PCB-1016 (AROCLOL 1016)
--	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
1.30	UG/L	METHOXYCHLOR
0.690	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 NA-AVERAGE VALUE AND NOT ANALYZED NAI-INTERFERENCES  
 QJ-ESTIMATED VALUE PN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 QK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 QU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/02/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
562 DINOSER  
5.60 CYANAZINE  
26 ATRAZINE

SAMPLE NO.: 87C15541 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONWL 1  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87 0000

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*E-ESTIMATED VALUE \*NP-NPRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15539      SAMPLE TYPE: MONWL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: MW-2 MONWL SOUTH OF PLANT

STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1615

SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/29/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.316U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.020U	UG/L	ALPHA-BHC
0.030U	UG/L	BETA-BHC
0.018U	UG/L	GAMMA-BHC (LINDBANE)
0.023U	UG/L	DELTA-BHC
0.027U	UG/L	ENDOSULFAN I (ALPHA)
0.032U	UG/L	OIECLORIN
0.053U	UG/L	4,4'-DDT (P,P'-DDT)
0.039U	UG/L	4,4'-DDE (P,P'-DDE)
0.052U	UG/L	4,4'-DDD (P,P'-DDD)
0.043U	UG/L	ENDRIN
0.036U	UG/L	ENDOSULFAN II (BETA)
0.090U	UG/L	ENDOSULFAN SULFATE
0.19U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.35U	UG/L	PCB-1242 (CAROCOLOR 1242)
0.59U	UG/L	PCB-1254 (CAROCOLOR 1254)
0.35U	UG/L	PCB-1221 (CAROCOLOR 1221)
0.35U	UG/L	PCB-1232 (CAROCOLOR 1232)
0.35U	UG/L	PCB-1248 (CAROCOLOR 1248)
0.59U	UG/L	PCB-1260 (CAROCOLOR 1260)
0.35U	UG/L	PCB-1016 (CAROCOLOR 1016)
2.20	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYCHLOR
0.069U	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NI-INTERFERENCES  
\*\*-ESTIMATED VALUE      \*\*-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*\*-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*\*-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM QUANTITATION LIMIT.

1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15536 SAMPLE TYPE: M3NWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADENT WELL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B 30KEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TSS

REMARKS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.0210	UG/L	ALDRIN
0.0160	UG/L	HEPTACHLOR
0.0210	UG/L	HEPTACHLOR EPOXIDE
0.0200	UG/L	ALPHA-BHC
0.0300	UG/L	BETA-BHC
0.0130	UG/L	GAMMA-BHC (LINDANE)
0.0230	UG/L	DELTA-BHC
0.0320	UG/L	ENDOSULFAN I (ALPHA)
0.0530	UG/L	FIELDRIN
0.0330	UG/L	4,4'-DDT (P,P'-DDT)
0.0520	UG/L	4,4'-DBE (P,P'-DBE)
0.0430	UG/L	4,4'-DDD (P,P'-DDD)
0.0350	UG/L	ENDRIN
0.0300	UG/L	ENDOSULFAN II (BETA)
0.190	UG/L	ENDOSULFAN SULFATE
0.350	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.390	UG/L	PCB-1242 (CAROCLOR 1242)
0.390	UG/L	PCB-1254 (CAROCLOR 1254)
0.350	UG/L	PCB-1221 (CAROCLOR 1221)
0.350	UG/L	PCB-1232 (CAROCLOR 1232)
0.350	UG/L	PCB-1248 (CAROCLOR 1248)
0.390	UG/L	PCB-1260 (CAROCLOR 1260)
0.350	UG/L	PCB-1016 (CAROCLOR 1016)
2.20	UG/L	TXAPHENONE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.120	UG/L	METHOXICHLOR
0.0580	UG/L	ENDRIN KETONE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 NA-AVERAGE VALUE ANA-NOT ANALYZED NAI-INTERFERENCES  
 NJ-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 NK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 NL-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15538      SAMPLE TYPE: MONWL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: MW-5 EAST OF LANDFILL MONWL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1315  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TSD

REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.025U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPOXIDE
0.056U	UG/L	ALPHA-BHC
0.051U	UG/L	BETA-BHC
0.027U	UG/L	GAMMA-BHC (LINDANE)
0.033U	UG/L	DELTA-BHC
0.035U	UG/L	ENDOSULFAN I (ALPHA)
0.064U	UG/L	DIELDRIN
0.043U	UG/L	4,4'-DDT (P,P'-DDT)
0.057U	UG/L	4,4'-DDO (P,P'-DDO)
0.057U	UG/L	4,4'-DDD (P,P'-DDD)
0.057U	UG/L	ENDRIN
0.040U	UG/L	ENDOSULFAN II (BETA)
0.071U	UG/L	ENDOSULFAN SULFATE
0.22U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.353	UG/L	PCB-1242 (CAROCLOR 1242)
0.53U	UG/L	PCB-1254 (CAROCLOR 1254)
0.39U	UG/L	PCB-1221 (CAROCLOR 1221)
0.35U	UG/L	PCB-1232 (CAROCLOR 1232)
0.35U	UG/L	PCB-1248 (CAROCLOR 1248)
0.63U	UG/L	PCB-1260 (CAROCLOR 1260)
0.35U	UG/L	PCB-1016 (CAROCLOR 1016)
2.4U	UG/L	TOXA-PHENONE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYPHENONE
0.074U	UG/L	ENDRIN KETONE

\*\*\*\*\*NOTES\*\*\*\*\*

SA-AVERAGE VALUE      NA-NOT ANALYZED      NAI-INTERFERENCES  
SJ-ESTIMATED VALUE      NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
SK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
SU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
1.2 CYANAZINE  
3.9 ATRAZINE

04/02/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15538 SAMPLE TYPE: MONWL

PROJECT NO.: 37-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-5 EAST OF LANDFILL MONWL  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1315  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0625 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/AI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15540 SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-3 MONWL 3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0625 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TRB

\*\*\*REMARKS\*\*\*

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.015U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.058U	UG/L	ALPHA-BHC
0.34U	UG/L	BETA-BHC
0.22U	UG/L	GAMMA-BHC (LINDANE)
0.022U	UG/L	DELTA-BHC
0.030U	UG/L	ENDOSULFAN I (ALPHA)
0.035U	UG/L	OIELDRIN
0.064U	UG/L	4,4'-DDT (P,P'-DDT)
0.039U	UG/L	4,4'-DDE (P,P'-DDE)
0.052U	UG/L	4,4'-DDD (P,P'-DDD)
0.054U	UG/L	ENDRIN
0.036U	UG/L	ENDOSULFAN II (BETA)
0.074U	UG/L	ENDOSULFAN SULFATE
0.19U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.59U	UG/L	PCP-1242 (CAROCLOR 1242)
0.59U	UG/L	PCP-1254 (CAROCLOR 1254)
0.58U	UG/L	PCB-1221 (CAROCLOR 1221)
0.59U	UG/L	PCB-1232 (CAROCLOR 1232)
0.59U	UG/L	PCB-1248 (CAROCLOR 1248)
2.58U	UG/L	PCB-1260 (CAROCLOR 1260)
2.2U	UG/L	PCB-1015 (CAROCLOR 1015)
--	UG/L	TOXAPHERENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYCHLOR
0.063U	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

NA-AVERAGE VALUE ANA-NOT ANALYZED ANA-INTERFERENCES  
EA-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

AL-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
GU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM QUANTITATION LIMIT  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
0.82 CYANAZINE  
63 ATRAZINE

04/02/87 PESTICIDES/PCRS ANALYSIS, MISC ~  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15540 SAMPLE TYPE: MONWL

PROJECT NO.: B7-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSPURG STATE: MS

STATION I.D.: MW-3 MONWL B  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1700  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: S. BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D. COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*NP-NON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENTS: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: P-01 INFLUENT TO POND FROM PIPE  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/30

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D COLETTI  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1950 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS	UNITS	COMPOUND
0.11U	UG/L	ALDRIN
0.074U	UG/L	HEPTACHLOR
0.11U	UG/L	HEPTACHLOR EPOXIDE
0.20U	UG/L	ALPHA-BHC
0.23U	UG/L	BETA-BHC
0.20U	UG/L	GAMMA-BHC (LINDBANE)
0.24U	UG/L	DELTA-BHC
0.17U	UG/L	ENDOSULFAN I (ALPHA)
0.21U	UG/L	DIELORIN
0.054U	UG/L	4,4'-DDT (P,P'-DDT)
0.26U	UG/L	4,4'-DDE (P,P'-DDE)
0.35U	UG/L	4,4'-DDD (P,P'-DDD)
0.27U	UG/L	ENDRIN
0.22U	UG/L	ENDOSULFAN II (BETA)
0.095U	UG/L	ENDOSULFAN SULFATE
1.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
3.1U	UG/L	PCB-1242 (CAROCLOR 1242)
3.1U	UG/L	PCB-1254 (CAROCLOR 1254)
3.5U	UG/L	PCB-1221 (CAROCLOR 1221)
3.5U	UG/L	PCB-1232 (CAROCLOR 1232)
3.5U	UG/L	PCB-1248 (CAROCLOR 1248)
3.1U	UG/L	PCB-1260 (CAROCLOR 1260)
3.5U	UG/L	PCB-1016 (CAROCLOR 1016)
12U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.13U	UG/L	METHOXYSYCHLOR
0.12U	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

NA-AVERAGE VALUE NA-NOT ANALYZED NAI-INTERFERENCES  
EJ-ESTIMATED VALUE PN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
NU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCBS ANALYSIS, MISC -  
DATA REPORTING SHEET  
WATER

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/l COMPOUND NAME  
0.011J METHYL PARATHION  
1.3 CYANAZINE  
29 ATRAZINE

SAMPLE NO.: 87C15542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: P-01 INFLUENT TO POND FROM PIPE  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210  
SAMPLE COLLECTION: STOP DATE/TIME 03/30/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TEE

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE SNA-NOT ANALYZED SNAI-INTERFERENCES  
\*E-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/02/87 PESTICIDES/PCBs AND OTHER CHLORINATED COMPOUNDS  
WATER

SAMPLE NO.: 87C15537 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CG-B BLANK SAMPLE  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 02/09/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGP  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.015U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.020U	UG/L	ALPHA-BCP
0.033U	UG/L	BETA-BCP
0.013U	UG/L	GAMMA-BCP (CLINDANE)
0.023U	UG/L	DELTA-BCP
0.027U	UG/L	ENDOSULFAN I (ALPHA)
0.032U	UG/L	DIELDRIN
0.053U	UG/L	4,4'-DDT (P,P'-DDT)
0.039U	UG/L	4,4'-ODE (P,P'-ODE)
0.052U	UG/L	4,4'-DDD (P,P'-DDD)
0.024U	UG/L	ENDRIN
0.036U	UG/L	ENDOSULFAN II (BETA)
0.064U	UG/L	ENDOSULFAN SULFATE
0.19U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.35U	UG/L	PCB-1242 (CAROCLOR 1242)
0.59U	UG/L	PCB-1254 (CAROCLOR 1254)
0.35U	UG/L	PCB-1221 (CAROCLOR 1221)
0.35U	UG/L	PCB-1232 (CAROCLOR 1232)
0.59U	UG/L	PCB-1248 (CAROCLOR 1248)
0.35U	UG/L	PCB-1260 (CAROCLOR 1260)
2.2U	UG/L	PCB-1016 (CAROCLOR 1016)
--	UG/L	TOXA-BHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.12U	UG/L	METHOXYPHENYL
0.053U	UG/L	ENDRIN KETONE

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE    \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESD, REG IV  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15522      SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION ID: A-1 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAH  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
80	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
400	UG/L	ANTIMONY
1000	UG/L	SELENIUM
150	UG/L	TIN
400	UG/L	STRONTIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
18	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
260	UG/L	ALUMINUM
460	UG/L	MANGANESE
52	MG/L	CALCIUM
24	MG/L	MAGNESIUM
0.48	MG/L	IRON
25	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAH

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVG VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
\*E=ESTIMATED VALUE      \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG V  
ATHENS GEORGIA

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15524      SAMPLE TYPE: AMBWA

	RESULTS	UNITS	ELEMENT
	100	UG/L	SILVER
	300	UG/L	ARSENIC
	NA	UG/L	BORON
	120	UG/L	BARIUM
	100	UG/L	BERYLLIUM
	100	UG/L	CAIDIUM
	200	UG/L	COPALT
	100	UG/L	CHROMIUM
	100	UG/L	COPPER
	200	UG/L	MOLYBDENUM
	200	UG/L	NICKEL
	300	UG/L	LEAD
	300	UG/L	ANTIMONY
	400	UG/L	SELENIUM
	1000	UG/L	TIN
	180	UG/L	STRONTIUM
	400	UG/L	TELLURIUM
	100	UG/L	TITANIUM
	NA	UG/L	THALLIUM
	100	UG/L	VANADIUM
	100	UG/L	YITHIUM
	13	UG/L	ZINC
	NA	UG/L	ZIRCONIUM
	0.20	UG/L	MERCURY
	370	UG/L	ALUMINUM
	380	UG/L	MANGANESE
	59	MG/L	CALCIUM
	27	MG/L	MAGNESIUM
	0.46	MG/L	IRON
	170	MG/L	SODIUM
	NA	MG/L	POTASSIUM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CTTY: VICKSBURG      STATE: MSSTATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STURET STATION NO.:SAMPLE COLLECTION: START DATE/TIME 02/19/87 1130  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: P COLQUITT  
SEALED: YESCHEMIST: MAW  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NAI=INTERFERENCES  
 \*J=ESTIMATED VALUE    \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15528      SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I D: A-3 LEFT FORK UNNAMED TRIB  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825      REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
220	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
15	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
290	UG/L	STPONTIUM
400	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
1100	UG/L	ALUMINUM
270	UG/L	MANGANESE
100	MG/L	CALCIUM
51	MG/L	MAGNESIUM
10	MG/L	IRON
1200	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
SAMPLE WAS NOT PRESERVED

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*\*FOOTNOTES\*\*  
 \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NL=INTERFERENCES  
 \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15526      SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: R-1 UPSTREAM STOUT BAYOU  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1440  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
170	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
300	UG/L	STRONTIUM
400	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
440	UG/L	ALUMINUM
610	UG/L	MANGANESE
110	MG/L	CALCIUM
45	MG/L	MAGNESIUM
0.62	MG/L	IRON
23	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES
- \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

	RESULTS	UNITS	ELEMENT
	100	UG/L	SILVER
	300	UG/L	ARSENIC
	NA	UG/L	BURON
	170	UG/L	BARIUM
	100	UG/L	BERILLIUM
	100	UG/L	CADMIUM
	200	UG/L	COBALT
	100	UG/L	CHROMIUM
	100	UG/L	COPPER
	200	UG/L	MOLYBDENUM
	200	UG/L	NICKEL
	300	UG/L	LEAD
	300	UG/L	ANTIMONY
	400	UG/L	SELENIUM
	1000	UG/L	TIN
	300	UG/L	STRONTIUM
	400	UG/L	TELLURIUM
	12	UG/L	TITANIUM
	NA	UG/L	THALLIUM
	100	UG/L	VANADIUM
	100	UG/L	YTTRIUM
	100	UG/L	ZINC
	NA	UG/L	ZIRCONIUM
	0.20	UG/L	MERCURY
	780	UG/L	ALUMINUM
	650	UG/L	MANGANESE
	110	MG/L	CALCIUM
	45	MG/L	MAGNESIUM
	0.96	MG/L	IRON
	39	MG/L	SODIUM
	NA	MG/L	POTASSIUM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-2 STOUT BAYOU DOWNSTREAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1055  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D CULQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RUD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NL=INTERFERENCES  
 \*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15530

SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU UPSTREAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHODS:

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	HURON
170	UG/L	BARIUM
100	UG/L	BERILLIUM
100	UG/L	CADMIUM
200	UG/L	COPALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
300	UG/L	NICKEL
300	UG/L	LEAD
400	UG/L	ANTIMONY
1000	UG/L	SELENIUM
210	UG/L	TIN
400	UG/L	STRONTIUM
100	UG/L	TELLURIUM
NA	UG/L	TITANIUM
100	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
NA	UG/L	ZINC
0.2U	UG/L	ZIRCONIUM
3800	UG/L	MERCURY
430	UG/L	ALUMINUM
66	MG/L	MANGANESE
31	MG/L	CALCIUM
4.3	MG/L	MAGNESIUM
14	MG/L	IRON
NA	MG/L	SODIUM
		POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES
- \*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REC IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15549      SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: D-1 HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
160	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	CUBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
220	UG/L	STRONTIUM
400	UG/L	TELLURIUM
66	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
2400	UG/L	ALUMINUM
410	UG/L	MANGANESE
71	MG/L	CALCIUM
32	MG/L	MAGNESIUM
3.3	MG/L	IRON
17	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NL=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*M=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG # V  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15534

SAMPLE TYPE: AMBWA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
89	UG/L	ARSENIC
NA	UG/L	HORON
170	UG/L	HARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
2011	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
240	UG/L	STRONTIUM
400	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
420	UG/L	ALUMINUM
460	UG/L	MANGANESE
93	MG/L	CALCIUM
50	MG/L	MAGNESIUM
0.79	MG/L	IRON
22	MG/L	SODIUM
NA	MG/L	POTASSIUM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: E-1 DOWNSTREAM FROM PLANT TRIB THROUH PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RUD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*\*A-AVERAGE VALUE \*\*NA-NOT ANALYZED \*\*NAI-INTERFERENCES  
\*\*J-ESTIMATED VALUE \*\*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESO, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15541

SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONWL 1  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BARON
270	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
38	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
22	UG/L	NICKEL
100	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
760	UG/L	STRONTIUM
400	UG/L	TELLURIUM
39	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
1900	UG/L	ALUMINUM
460	UG/L	MANGANESE
260	UG/L	CALCIUM
95	UG/L	MAGNESIUM
17	UG/L	IRON
120	UG/L	SODIUM
NA	UG/L	POTASSIUM

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A= AVERAGE VALUE    \*NA= NOT ANALYZED    \*NL= INTERFERENCES  
 #E= ESTIMATED VALUE    \*N= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15539      SAMPLE TYPE: MONWL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: MW-2 MONWL SOUTH OF PLANT  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1615

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
450	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
64	UG/L	CHROMIUM
30	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
560	UG/L	STRONTIUM
400	UG/L	TELLURIUM
910	UG/L	TITANIUM
NA	UG/L	THALLIUM
69	UG/L	VANADIUM
23	UG/L	YTTRIUM
91	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
26000	UG/L	ALUMINUM
1500	UG/L	MANGANESE
240	MG/L	CALCIUM
110	MG/L	MAGNESIUM
36	MG/L	IRON
29	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM-2/20/87 @ 1R50 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*E-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15536      SAMPLE TYPE: MONW

PROJECT NO. 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: MW-4 UPGRADENT WELL  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1110

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B ROKEY      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: HAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
250	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
18	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
250	UG/L	STRONTIUM
400	UG/L	TELOURIUM
74	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
16	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
3000	UG/L	ALUMINUM
430	UG/L	MANGANESE
100	UG/L	CALCIUM
48	UG/L	MAGNESIUM
3.2	UG/L	IRON
15	UG/L	SODIUM
NA	UG/L	POTASSIUM

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: HAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15538      SAMPLE TYPE: MONWL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: MW-6 EAST OF LANDFILL MONWL  
STORED STATION NO.: 1

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1315  
SAMPLE COLLECTION: STOP DATE/TIME 09/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D CULQUITT  
SEALED: YES

CHEMIST: MAH  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
600	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CAPMIUM
200	UG/L	COBALT
11	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
610	UG/L	STRONTIUM
400	UG/L	TELLURIUM
110	UG/L	TITANIUM
NA	UG/L	THALLIUM
13	UG/L	VANADIUM
13	UG/L	YTTRIUM
21	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
6600	UG/L	ALUMINUM
650	UG/L	MANGANESE
310	MG/L	CALCIUM
180	MG/L	MAGNESIUM
8.4	MG/L	IRON
39	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAH

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15540

SAMPLE TYPE: MONWL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-8 MONWL 8  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: S BOKEY RECEIVED FROM: LOCKED C POON  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
67	UG/L	ARSENIC
NA	UG/L	BORON
470	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	CUBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
350	UG/L	STRONTIUM
400	UG/L	TELLURIUM
10	UG/L	TITANIUM
NA	UG/L	TRALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
920	UG/L	ALUMINUM
4900	UG/L	MANGANESE
140	MG/L	CALCIUM
72	MG/L	MAGNESIUM
25	MG/L	IRON
34	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A=INTERFERENCES  
\*J-ESTIMATED VALUE \*K-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REC IV  
ATHENS GEORGIA

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
140	UG/L	ARSENIC
NA	UG/L	BORON
37	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CAIDIUM
200	UG/L	CUBALT
75	UG/L	CHROMIUM
10	UG/L	CUPPER
200	UG/L	MOLYPDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
400	UG/L	ANTIMONY
1000	UG/L	SELENIUM
85	UG/L	TIN
400	UG/L	SPONTIUM
30	UG/L	TELLURIUM
NA	UG/L	TITANIUM
100	UG/L	THALLIUM
100	UG/L	VANADIUM
13	UG/L	YTTRIUM
NA	UG/L	ZINC
0.20	UG/L	ZIRCONIUM
100	UG/L	MERCURY
83	UG/L	ALUMINUM
26	MG/L	MANGANESE
14	MG/L	CALCIUM
2.3	MG/L	MAGNESIUM
610	MG/L	IRON
NA	MG/L	SODIUM
		POTASSIUM

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MSSTATION I.D.: P-01 INFLUENT TO POND FROM PIPE  
STORED STATION NO.:SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00COLLECTED BY: R BOKEY    RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825    REC'D BY: D CONQUITT  
SEALED: YESCHEMIST: MAW  
ANALYTICAL METHOD:REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP    SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

## \*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15537    SAMPLE TYPE: BLKWA

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCES: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MS

STATION I.D.: CC-R BLANK SAMPLE

STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 08/00/00

COLLECTED BY: B BOKEY    RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825    REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
300	UG/L	ARSENIC
NA	UG/L	BORON
200	UG/L	BARIUM
100	UG/L	BERILLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
200	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
300	UG/L	ANTIMONY
400	UG/L	SELENIUM
1000	UG/L	TIN
100	UG/L	STRONTIUM
400	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	YTTRIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.20	UG/L	MERCURY
1000	UG/L	ALUMINUM
250	UG/L	MANGANESE
1.00	MG/L	CALCIUM
0.100	MG/L	MAGNESIUM
0.100	MG/L	IRON
1.00	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RON

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP    SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NAI=INTERFERENCES  
\*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL HAS BEEN ANALYZED BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0020 MG/L CYANIDE  
NAT. MG/L NITRATE-NITRITE NITROGEN

STORED  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 97215524 SAMPLE TYPE: 4X3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2 DOWNSTREAM TO STOUT BAYOU  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1130

SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: S CONDUIT  
SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WTP DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*N-NOT ANALYZED \*VAL-INTERFERENCES  
\*I-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM-DETECTION-LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESD, REG-TV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.003 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE NITROGEN

STORED  
90720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WAFFER

SAMPLE NO.: 87015522 SAMPLE TYPE: AMMWA

PROJECT NO.: 87-171 PROGRAM ELEMENTS: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG) CHEMICALS  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1 UNNAMED TRIB TO STOUT BAYOU JPST3EAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0925

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED ROOM

SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COQUILLIT

SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NAI-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
2PA-ESJ, REG. IWI  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	PARAMETER
0.0020	MG/L	CYANIDE
N.D.	MG/L	NITRATE-NITRITE-NITROGEN

STORED  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE VOL.: 87C15528 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: 3CRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG) CHEMICAL CO.  
CITY: VICKSBURG STATE: MS

STATION L.D.: A-3 LEFT PORK UNNAMED TRIB  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/16/87 1500

SAMPLE COLLECTION: STOP DATE/TIME 02/16/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED ROOM

SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J COLOQUITT

SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RDO DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*VA-VOT ANALYZED \*NAI-INTERFERENCES  
+I-ESTIMATED VALUE -P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR, BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. I&L  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0021 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE-NITROGEN

STORED  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15525 SAMPLE TYPE: AM3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 8-1 UPSTREAM STOUT BAYOU  
STORED STATION #: 3

SAMPLE COLLECTION: START DATE/TIME: 02/18/87 1410  
SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: R. DAVIS RECEIVED FROM: LOCKED STOREROOM  
SAMPLE REC'D: DATE/TIME: 02/23/87 0825 REC'D BY: D. COQUILLIN  
SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1830 BY RDO

REMARK: -DAVIS

SAMPLE LOG VERIFIED BY: RDO DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*NAI=INTERFERENCES  
\*E=ESTIMATED VALUE \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. 14  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0020 MG/L CYANIDE  
NAT MG/L NITRATE-NITRITE NITROGEN

STORED  
03720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87015532 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION T.D.: 8-2 STOUT BAYOU DOWNSTREAM

STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 02/19/87 1055

SAMPLE COLLECTION: STOP DATE/TIME: 00/00/00

COLLECTED BY: R-DAVIS RECEIVED FROM: LOCKED 2 ROOM

SAMPLE REC'D: DATE/TIME: 02/23/87 0825 REC'D BY: 300

SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1830 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RPP DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. IV  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.0020 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE NITROGEN

STORED  
00720  
00630

SAMPLE NO.: 87015530 SAMPLE TYPE: AM3WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: R3RA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-1 HATCHER BAYOU UPSTREAM

STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0815

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C ROOM

SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: C SECURITY

SEALED: YES

CHEMIST: RDO CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RDP DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*VA-NOT ANALYZED \*NAI-INTERFERENCE

\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM-Detectable LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

RESULTS UNITS PARAMETER  
0.0023 MG/L CYANIDE  
NAT MG/L NITRATE-NITRITE NITROGEN

STRET  
93720  
00530

SAMPLE NO.: 87016549 SAMPLE TYPE: 443WA

PROJECT NO.: 87-171 PROGRAM ELEMENT: RERA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 0-1 HENNESSYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STRET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1515

SAMPLE COLLECTION: STOP DATE/TIME 03/03/03

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED: 2 ROOM:  
SAMPLE REC'D: DATE/TIME 02/23/87 3825 REC'D BY: J COLQUITT

SEALED: YES

CHEMIST: RDC CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDC

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: AFB DATA VERIFIED BY: RDC

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*V4-NOT ANALYZED \*NAT-INTERFERENCES

\*J-ESTIMATED VALUE \*V-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD, REC INV  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0023 MG/L CYANIDE  
NAL MG/L NITRATE-NITRITE NITROGEN

STORED  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87035534 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-171 PROGRAM ELEMENT: ACPA  
SOURCE: CEDAR CHEMICAL (VICKSBURG) CHEMICAL  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1 DOWNSTREAM FROM PLANT FRICTION PLANT

STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1230

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R. DAVIS RECEIVED FROM: LOCKED ST. ROOM

SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J. SOLQUIST

SEALED: YES

CHEMIST: RDO CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RDO DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*ANAL-INTERFERENCES

\*E-ESTIMATED VALUE \*EV-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. IWL  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0323 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE NITROGEN

STORED  
23720  
23630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 97015541 SAMPLE TYPE: WATER

PROJECT NO.: 87-171 PROGRAM ELEMENT: PORA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-1 MONITOR 1  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1045

SAMPLE COLLECTION: STOP DATE/TIME 03/30/00

COLLECTED BY: B. RICKET RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D: DATE/TIME: 02/23/87 0825 REC'D BY: D. COOKITT

SEALED: YES

CHEMIST: RUD CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RUD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RUD DATA VERIFIED BY: RUD

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*N=NOT ANALYZED NAI=INTERFERENCES

\*B-ESTIMATED VALUE \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-650, REG. I-IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0023 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE NITROGEN

STORED  
03720  
00630

03/16/87 SPECIFIED ANALYSTS:  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15536 SAMPLE TYPE: WDNW

PROJECT NO.: 87-171 PROGRAM ELEMENT: R3RA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-4 UPGRADEMENT WELL  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B. BOKEY RECEIVED FROM: LOCK33-C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J. COOPER  
SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RPP DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*V4-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. I.V.  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	PARAMETER
0.303	MG/L	CYANIDE
NAL	MG/L	NITRATE-NITRITE NITROGEN

STCET  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87013538 SAMPLE TYPE: WATER

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: MW-6 EAST DR LANDFILL MARCH  
STCET STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 02/16/87 1315  
SAMPLE COLLECTION: STOP DATE/TIME: 03/03/00

COLLECTED BY: B. DAVIS RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J. COLEMAN  
SEALED: YES

CHEMIST: RDO CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1830 BY RDO

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: RDO DATA VERIFIED BY: RDO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*N=NOT ANALYZED \*NAL=INTERFERENCES  
\*D-ESTIMATED VALUE. \*P=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.3323 MG/L CYANIDE  
NAI MG/L NITRATE-NITRITE NITROGEN

STORET  
00720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87015540 SAMPLE TYPE: WDNAL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG) CHEMICAL  
CITY: VICKSBURG STATE: MS

STATION I.D.: MN-8 WDNAL 3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1700

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B. BOKKEY RECEIVED FROM: LOCKED R. BOYD  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D. COQUILLIT

SEALED: YES

CHEMIST: RUD CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RUD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: NFP DATA VERIFIED BY: RUD

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*N=NOT ANALYZED \*NAI-INTERFERENCES

\*J-ESTIMATED VALUE, FN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESD, REG IV  
ATLANTA, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0040 MG/L CYANIDE  
NAT MG/L NITRATE-NITRITE-NITROGEN

STREET  
33720  
33630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C16542 SAMPLE TYPE: INDIN

PROJECT NO.: 87-171 PROGRAM ELEMENTS: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG) CHEMICAL  
CITY: VICKSBURG STATE: MS

STATION 1-A-5 P-01 INFLOW TO POND FROM PIPE  
STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1210

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B-BOKKEY RECEIVED FROM: LOCKWOOD, ROD  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D-SQUATT  
SEALED: YES

CHEMIST: RLO CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RLO

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RLO DATA VERIFIED BY: RLO

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*V8-NOT ANALYZED \*NAT-INFERENCES  
\*J-ESTIMATED VALUE. JV-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG-IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
0.0023 MG/L CYANIDE  
ND MG/L NITRATE-NITRITE NITROGEN

STREET  
30720  
00630

03/16/87

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATER

SAMPLE NO.: 87C15537 SAMPLE TYPE: 3UKNR

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CG-3: BLANK SAMPLE  
STREET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B. DOKERY RECEIVED FROM: LOCKED ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D. COOPER  
SEALED: YES

CHEMIST: RLD CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RLD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: RLD DATA VERIFIED BY: RLD

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*VA-NOT ANALYZED \*NAI-INTERFERENCES

\*J-ESTIMATED VALUE; \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

# SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

PURGEABLE ORGANICS ANALYSIS -  
SEDIMENT/SEIL/SLUDGE(CD34 HT)

SAMPLE NO.: 37C15#23 SAMPLE TYPE: SKIN

PROJECT NO.: 87-171 PROGRAM ELEMENTS: ECR  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION 14-214 4-18 UNNAMED TRIB TO STOUT BAYOU UPSTREAM

SEARCHED INDEXED SERIALIZED FILED - 2014-1-6 8:30:20

10. *Chlorophytum comosum* (L.) Willd. (syn. *C. topense* L.) (Figure 14)

SAMPLE COLLECTION: SITE 24000100 00000000

COLLECTED BY: P. DAVIS RECEIVED BY: 5503M: LOCKED IN C-803W  
RECEIVED BY: 5503M: LOCKED IN C-803W

卷之三

CLEMENTS, FRA  
ANALYTICAL TESTS

卷之三

SAMPLE DATA FOR THE HISTOGRAM

卷之三 MARKS

## ANALYTICAL RESULTS

RESULTS	UNITS	COMPOUND
100	UG/KGG	CHLORODIMETHANE
100	UG/KGG	BROMODIMETHANE
100	UG/KGG	VINYL CHLORIDE
100	UG/KGG	CHLORDIETHYNE
100	UG/KGG	METHYLENE CHLORIDE
100	UG/KGD	1,1-DICHLOROETHYNE(1,1-DICHLOROETHYLENE)
100	UG/KGD	1,2-DICHLOROETHANE
100	UG/KGD	TETRAVS-1,2-DICHLOROETHENE
100	UG/KGD	CHLOROFORM
100	UG/KGD	1,2-DICHLOROETHANE
100	UG/KGD	1,1,1-TRICHLOROETHANE
100	UG/KGD	CHLOROTETRAETHYLENE
100	UG/KGD	DICHLOROMETHANE
100	UG/KGD	TETRAVS-1,2-DICHLOROPROPENE
100	UG/KGD	TRICHLOROETHENETRICHLOROETHYLENE
100	UG/KGD	BF3-EINE
100	UG/KGD	TRICHLOROMETHANE
100	UG/KGD	1,1,2-TRICHLOROETHANE
100	UG/KGD	1,1,1,3-DICHLOROPROPANE
100	UG/KGD	1,1-CHLOROETHYL VINYL ETHER
100	UG/KGD	CHLOROFORM
100	UG/KGD	1,1,2,2-TETRACHLOROETHANE
100	UG/KGD	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
100	UG/KGD	TOLUENE
100	UG/KGD	CHLOROBENZENE
100	UG/KGD	PHENOL
100	UG/KGD	TOTAL XYLENES
100	UG/KGD	MOTSTUDE

• 333-333-3333

（二）对项目法人和项目管理单位的评价

3

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, RING IV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS: NTSC  
SEDIMENT/STOOL/SLUDGE/DRY WTD.

SAMPLE NO.: 37C13903 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
1000	ACETONE
1000	METHYL ETHYL KETONE
1000	CARBON DISULFIDE
1000	METHYL BUTYL KETONE
1000	METHYL ISOBUTYL KETONE
1000	STYRENE
1000	VINYL ACETATE

PROJECT NO.: 37-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-15 UNNAMED TRIP TO STOUT BAYOU UPSTREAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 03/19/87 0930

SAMPLE COLLECTION: STOP DATE/TIME: 03/20/87

COLLECTED BY: R. DAVIS RECEIVED FROM: LOCKED ROOM  
SAMPLED REC'D DATE/TIME: 03/20/87 0930 REC'D BY: R. DAVIS  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 1 1930 BY RDP

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WPP DATA VERIFIED BY: GLC

\*\*\*REMARKS\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
DATA RANGE: VALUE UNKNOWN-NOT ANALYZED DATA-INTERFERENCES  
ESTIMATED VALUE: SUPP-SUMMATIVE EVIDENCE OF PRESENCE OF MATERIAL  
EX-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
AL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
NO-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EDDIE'S REG TV  
ATLANTA, GEORGIA

03/31/97

PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/STIL/SLUDGE(DRY WT.)

SAMPLE NO.: 670185E2 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: ROPA  
SUBJECT: CEDAR CHEMICAL (ICKSBURG CHEMICAL)  
CITY: ICKSBURG STATE: MD

STATION ID.: A-26 DOWNSTREAM TRIP TO STOUT SAYOU  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 03/13/97 1140

SAMPLE COLLECTION: STOP DATE/TIME: 03/20/00

COLLECTED BY: R.DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME: 03/23/97 0826 REC'D BY: E.CALQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/97 @ 1350 BY RDC

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: DLC

REMARKS: RDC

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
70	UG/KGG	CHLOROMETHANE
70	UG/KGG	VINYLCHLORIDE
70	UG/KGG	CHLOROETHANE
70	UG/KGG	METHYLDIENE CHLORIDE
70	UG/KGG	1,1-DICHLOROETHANE(1,1-DICHLOROETHYLENE)
70	UG/KGG	1,1-DICHLOROETHANE
70	UG/KGG	TRANS-1,2-DICHLOROETHENE
70	UG/KGG	CHLOROFORM
70	UG/KGG	1,2-DICHLOROETHANE
70	UG/KGG	1,1,1-TRICHLOROETHANE
70	UG/KGG	CARBON TETRACHLORIDE
70	UG/KGG	BROMODIOMETHANE
70	UG/KGG	1,2-DICHLOROPROPANE
70	UG/KGG	TRANS-1,3-DICHLOROPROPENE
70	UG/KGG	TRICHLOROETHENE/CHLOROETHYLENE
70	UG/KGG	BYZENE
70	UG/KGG	1,1,2-TRICHLOROETHANE
140	UG/KGG	CIS-1,3-DICHLOROPROPENE
140	UG/KGG	2-CHLOROETHYL VINYL ETHER
70	UG/KGG	STYROFOL
70	UG/KGG	1,1,2,2-TETRACHLOROETHANE
70	UG/KGG	TETRACHLOROETHYLENE/TETRACHLOROETHYLENE
70	UG/KGG	TOLUENE
70	UG/KGG	CHLORDIBENZENE
70	UG/KGG	ETHYL BENZENE
70	UG/KGG	TOTAL XYLENES
37	"	MOISTURE

\*\*\*\*\*NOTES\*\*\*\*\*  
 \*A-AVERAGE VALUE AND NOT ANALYZED QNIT-INTERFERENCE  
 #U-ESTIMATED VALUE AND PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-USE-REGISTRY  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(DRY WTD)

SAMPLE NO.: 870156C SAMPLE TYPE: SLUDGE

ANALYTICAL RESULTS

RESULTS IN: UG/KG	COMPOUND NAME
70J	ACETONE
70J	METHYL ETHYL KETONE
70J	CARBON DISULFIDE
70J	METHYL BUTYL KETONE
70J	METHYL ISOBUTYL KETONE
70J	STYRENE
70J	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENTS: 3024  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 4-05 DOWNSTREAM TCE TO STOUT RIVER  
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/18/87 1140

SAMPLE COLLECTION: STOP DATE/TIME 03/20/87

COLLECTED BY: S DAVIS RECOVERED FROM: LOCKED C-ROCK  
SAMPLE SEC'D DATE/TIME 02/23/87 SEC'D REC'D BY: J CALDWELL  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1650 BY PDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WRP DATA VERIFIED BY: DUC

REMARKS:

NOTES:  
AV-AVERAGE VALUE AN-NOT ANALYZED BN-NOT IN PREPARENCES  
EJ-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
AK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
AL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
AU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD, REG V  
ATHENS, GEORGIA

03/31/87

PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SoIL/SLUDGE(CORY WT)

SAMPLE NO.: 8TC15529 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: R02A  
SOURCE: CEDAR CHEMICAL (WICKSBURG CHEMICALS)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-23 LEFT FORK UNNAMED TRIP  
STREET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1510

SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: P. DAVIS RECEIVED FROM: LOCKED ROOM

SAMPLE RECEIVED DATE/TIME 02/23/87 REC'D BY: D. SOLDAIT

SCALED: YES

CHEMIST: FRA

ANALYTICAL METHOD: D

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
70	UG/KG	CHLOROMETHANE
70	UG/KG	BROMOMETHANE
70	UG/KG	VINYL CHLORIDE
70	UG/KG	CHLOROETHANE
70	UG/KG	METHYLDIENE CHLORIDE
70	UG/KG	1,1-DICHLOROETHANE(1,1-DICHLOROETHYLENE)
70	UG/KG	TRANS-1,2-DICHLOROETHENE
6.4	UG/KG	CHLOROFORM
70	UG/KG	1,2-DICHLOROETHANE
70	UG/KG	1,1,1-TRICHLOROETHANE
70	UG/KG	CARBON TETRACHLORIDE
70	UG/KG	BROMODICHLOROMETHANE
70	UG/KG	1,2-DICHLOROPROPANE
70	UG/KG	TRANS-1,3-DICHLOROPROPENE
70	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
70	UG/KG	BENZENE
70	UG/KG	DIBROMOCHLOROMETHANE
140	UG/KG	1,1,2-TRICHLOROETHANE
70	UG/KG	CIS-1,3-DICHLOROPROPENE
140	UG/KG	2-CHLOROETHYLVINYL ETHER
70	UG/KG	BROMOFORM
70	UG/KG	1,1,2,2-TETRACHLOROETHANE
70	UG/KG	TOLUENE
70	UG/KG	CHLOROBENZENE
70	UG/KG	ETHYL BENZENE
22	%	TOTAL XYLENES
		MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 2 1450 BY RCD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: NRP SAMPLE DATA VERIFIED BY: DLT

REMARKS: 888

\*\*\*\*\*NOTES\*\*\*\*\*  
 DATA-AVERAGE VALUE AND NOT ANALYZED DATA-INTERFERENCES  
 \*J-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD-REG-IV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SoIL/SLUDGE/COPY ATC

SAMPLE NO.: 67015529 SAMPLE TYPE: SEMIW

ANALYTICAL RESULTS

RESULTS IN: UG/KG	COMPOUND NAME
700	ACETONE
700	METHYL ETHYL KETONE
700	CARBON DISULFIDE
700	METHYL BUTYL KETONE
700	METHYL ISOBUTYL KETONE
700	STYRENE
700	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-35 LEFT FORK UNNAMED TRIB  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 03/19/87 1510

SAMPLE COLLECTION: STOP DATE/TIME: 03/20/87

COLLECTED BY: P DAVIS RECEIVED FROM: LOCKED S: ROOM  
SAMPLE REC'D DATE/TIME: 02/22/87 0228 REC'D BY: D GILLOTT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: MFR DATA VERIFIED BY: DLC

REMARKS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*\*A-AVERAGE VALUE \*\*N-NOT ANALYZED \*\*N/A-INTERFERENCES  
\*\*E-ESTIMATED VALUE \*\*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*X-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

03/31/87

PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE(CPY WT)

SAMPLE NO.: 87C16527 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RPPA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 2-13 UPSTREAM STOUT BAYOU  
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 02/13/87 1445

SAMPLE COLLECTION: STOP DATE/TIME: 02/20/87 0000

COLLECTED BY: S. DAVIS RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D: DATE/TIME: 02/23/87 0805 REC'D BY: D. CILQUITT

SEALED: YES

CHEMIST: FRA

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1950 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: NFP SAMPLE DATA VERIFIED BY: DLC

REMARKS

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
70	UG/KGG	CHLOROMETHANE
70	UG/KGG	BROMOMETHANE
70	UG/KGG	VINYL CHLORIDE
70	UG/KGG	CHLOROETHANE
70	UG/KGG	METHYLENE CHLORIDE
70	UG/KGG	1,1-DICHLOROETHANE(1,1-DICHLOROETHYLENE)
70	UG/KGG	1,1-DICHLOROETHENE
70	UG/KGG	TRANS-1,2-DICHLOROETHENE
70	UG/KGG	CHLOROFORM
70	UG/KGG	1,2-DICHLOROETHANE
70	UG/KGG	1,1,1-TRICHLOROETHANE
70	UG/KGG	CARBON TETRACHLORIDE
70	UG/KGG	BROMODICHLOROMETHANE
70	UG/KGG	1,2-DICHLOROPROPANE
70	UG/KGG	TRANS-1,3-DICHLOROPROPENE
70	UG/KGG	TRICHLOROETHENE/CHLOROETHYLENE
70	UG/KGG	BENZENE
70	UG/KGG	DICHLOROMETHANE
70	UG/KGG	1,1,2-TRICHLOROETHANE
70	UG/KGG	CIS-1,3-DICHLOROPROPENE
70	UG/KGG	2-CHLOROETHYL VINYL ETHER
70	UG/KGG	BROMOFORM
70	UG/KGG	1,1,2,2-TETRACHLOROETHANE
70	UG/KGG	TETRACHLOROETHENE/TETRACHLOROETHYLENE
70	UG/KGG	TELUENE
70	UG/KGG	CHLOROBENZENE
70	UG/KGG	ETHYL BENZENE
70	UG/KGG	TOTAL XYLENES
22	"	MOISTURE

\*\*\*\*\*NOTES\*\*\*\*\*

\*AVERAGE VALUE ANALYZED BUT NOT QUANTITATED. MATERIAL-INTERFERENCES  
\*\*ESTIMATED VALUE. NON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*\*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*\*\*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*\*\*\*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, AERIS IV  
ATLANTA, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, WTC  
SEDIMENT/SoIL/SLUDGE(DRY WT)

SAMPLE NO.: 870165ET SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
700	ACETONE
700	METHYL ETHYL KETONE
700	CARBON DISULFIDE
700	METHYL BUTYL KETONE
700	METHYL ISOBUTYL KETONE
700	STYRENE
700	VINYL ACETATE

PROJECT NO.: 37-171 PROGRAM ELEMENT: RCRA  
SOURCE: CHEMICAL CLOUDS/CHICKASAW CHEMICAL  
CITY: VICKSBURG STATE: MS

STATION I.D.: 3-13 UPSTREAM STOUT RAYOU  
STEREF STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/16/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 03/18/87

COLLECTED BY: B DAVIS REACTED FROM: LOCKED CR. ROOM  
SAMPLE LOG DATE, TIME: 03/18/87 0920 RECORD BY: D COLQUITT  
SEALED: YES

CHEMIST: ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 3/20/87 @ 1850 BY RCD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
A-AVERAGE VALUE B-NOT ANALYZED C-MAT-INTERFERENCES  
D-ESTIMATED VALUE E-UN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
F-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
H-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPATECO, REG IV  
ATLANTA, GEORGIA

03/31/87

FUSGABLE ORGANICS ANALYSIS  
SEDIMENT/STEL/SLUDGE/CRY WT)

SAMPLE NO.: 87015533 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RORA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-26 STOUT BAYOU DOWNSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110

SAMPLE COLLECTION: STOP DATE/TIME 02/20/87  
COLLECTED BY: P. DAVIS RECEIVED FROM: LOCKED B. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: J. CALQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
70	UG/KG	CHLOROMETHANE
70	UG/KG	BROMOMETHANE
70	UG/KG	VINYL CHLORIDE
70	UG/KG	CHLOROETHANE
70	UG/KG	METHYLENE CHLORIDE
70	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
70	UG/KG	1,1-DICHLOROETHANE
70	UG/KG	TRANS-1,2-DICHLOROETHENE
70	UG/KG	CHLOROFORM
70	UG/KG	1,2-DICHLOROETHANE
70	UG/KG	1,1,1-TRICHLOROETHANE
70	UG/KG	CARBON TETRACHLORIDE
70	UG/KG	PROPYLDICHLOROMETHANE
70	UG/KG	1,2-DICHLOROPROPANE
70	UG/KG	TRANS-1,3-DICHLOROPROPENE
70	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
70	UG/KG	BENZENE
70	UG/KG	1,2-DICHLOROMETHANE
70	UG/KG	1,1,2-TRICHLOROETHANE
70	UG/KG	DIS-1,3-DICHLOROPROPENE
70	UG/KG	2-CHLOROETHYL VINYL ETHER
70	UG/KG	PROPYLDIOL
70	UG/KG	1,1,2,2-TETRACHLOROETHANE
70	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
32	UG/KG	TOLUENE
70	UG/KG	CHLOROBENZENE
70	UG/KG	ETHYL BENZENE
70	UG/KG	TOTAL XYLENE\$
35	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 02/20/87 @ 1550 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP SAMPLE DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
 \*A-AVERAGE VALUE      \*\*A-NOT ANALYZED      \*\*\*A-INTERFERENCES  
 \*\*E-ESTIMATED VALUE      \*\*\*E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
SPA-PSD, PSD, IV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(DRY WTD)

SAMPLE NO.: 8701983 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: ROPA  
SOURCE: CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION 1.0: T-23 STOUT BAYOU DOWNSTREAM  
STORED STATION N/A

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED ROOM  
SAMPLED RECORD: DATE/TIME 02/20/87 0810 RECORD BY: D COLBURN  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDC  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: NFP DATA VERIFIED BY: DLC

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
NA=NOT ANALYZED NMAT=INTERFERENCES  
EST=ESTIMATED VALUE ANP=ASSUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
ACT=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
UL=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
ND=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS TN: UG/KG	COMPOUND NAME
73J	ACETONE
70U	METHYL ETHYL KETONE
70U	CARBON DISULFIDE
73U	METHYL BUTYL KETONE
73U	METHYL ISOBUTYL KETONE
73U	STYRENE
70U	VINYL ACETATE
200J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-FED, REGION IV  
ATLANTA, GEORGIA

03/31/87

PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/STL/SLUDGE/CRW WTDW

SAMPLE NO.: 87C15531 SAMPLE TYPE: SEDIM

PROJECT NO.: 137-171 PROGRAM ELEMENTS: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-25 HATCHER RAYCUE UPSTREAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 03/19/87 0840

SAMPLE COLLECTION: STOP DATE/TIME: 03/20/87

COLLECTED BY: C DAVIS RECEIVED FROM: LOCKED ROOM  
SAMPLED REC'D BY: DATE/TIME: 03/23/87 0825 REC'D BY: C DAVIS  
SEALED? YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 3/20/87 @ 1850 BY PDC

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: DLC

REMARKS: N/A

MICROANALYTICAL RESULTS

RESULTS	UNITS	COMPOUND
9U	UG/KG	CHLOROMETHANE
9U	UG/KG	BROMOMETHANE
9U	UG/KG	VINYL CHLORIDE
9U	UG/KG	CHLOROETHANE
9U	UG/KG	METHYLENE CHLORIDE
9U	UG/KG	1,1-DICHLOROETHANE (1,1-DICHLOROETHYLENE)
9U	UG/KG	1,1-DICHLOROETHANE
9U	UG/KG	TRANS-1,2-DICHLOROETHENE
9U	UG/KG	CHLOROFORM
9U	UG/KG	1,2-DICHLOROETHANE
9U	UG/KG	1,1,1-TRICHLOROETHANE
9U	UG/KG	CARBON TETRACHLORIDE
9U	UG/KG	BROMODICHLOROETHANE
9U	UG/KG	1,2-DICHLOROPROPANE
9U	UG/KG	TRANS-1,3-DICHLOROPROPENE
9U	UG/KG	TRICHLOROETHANE (TRICHLOROETHYLENE)
9U	UG/KG	BENZENE
9U	UG/KG	DIBROMOCHLOROMETHANE
9U	UG/KG	1,1,2-TRICHLOROETHANE
9U	UG/KG	CIS-1,3-DICHLOROPROPENE
9U	UG/KG	Z-CHLOROETHYL VINYL ETHER
9U	UG/KG	BROMODICHLORO
9U	UG/KG	1,1,2,2-TETRACHLOROETHANE
9U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
9U	UG/KG	TELUENE
9U	UG/KG	CHLOROBENZENE
9U	UG/KG	ETHYL BENZENE
9U	UG/KG	TOTAL XYLENES
24	%	MOISTURE

NOTEBOOK NOTES

Q=ABOVE VALUE AND NOT ANALYZED Q=MAT-INTERFERENCES  
Q=ESTIMATED VALUE Q=PRELIMINARY EVIDENCE OF PRESENCE OF MATERIAL  
N=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
R=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
G=NO MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SOPHIA, INC.  
ATLANTA, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, WISE  
SEDIMENT/SPIL/SLUDGE/CORP WT)

SAMPLE NO.: 87015531 SAMPLE TYPE: SEDIM

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
900	ACETONE
900	METHYL ETHYL KETONE
900	CARBON DISULFIDE
900	METHYL BUTYL KETONE
900	METHYL ISOBUTYL KETONE
900	STYRENE
900	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCPA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID #: 0-5 HATCHER BAYOU UPSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME: 03/19/87 0840

SAMPLE COLLECTION: STOP DATE/TIME: 03/20/87

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED S: 200V  
SAMPLE REC'D: 04/6/87 TIME: 03/23/87 0455 REC'D BY: 3 SOLIDITY  
SEALED? YES

CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 3/20/87 @ 1250 BY RDP

REMARK: DIVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*NOTES\*\*\*  
AV-AVERAGE VALUE ANA-NOT ANALYZED O&I-INTERFERENCES  
EST-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE FOR PRESENCE OF MATERIAL  
OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
ND-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

03/31/87

FURSSEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE(CPY ATD)

SAMPLE NO.: 87C15550 SAMPLE TYPE: SEDIM

D-15

PROJECT NO.: 37-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: DS HENNESSEYS PAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1530

SAMPLE COLLECTION: STOP DATE/TIME 02/22/90

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKIE G. REAM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: B COLEBROOK

SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/10/87 @ 1550 BY RDC

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*NOTES\*\*\*  
 \*AVERAGE VALUE ANA-NOT ANALYZED ANA-INTERFERENCE  
 \*J-ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*\*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
9U	UG/KG	CHLOROMETHANE
9U	UG/KG	BROMOMETHANE
9U	UG/KG	VINYL CHLORIDE
9U	UG/KG	CHLOROETHANE
4U	UG/KG	METHYLENE CHLORIDE
9U	UG/KG	1,1-DICHLOROETHANE (1,1-DICHLOROETHYLENE)
9U	UG/KG	1,1-DICHLOROETHENE
9U	UG/KG	TRANS-1,2-DICHLOROETHENE
9U	UG/KG	CHLOROFORM
9U	UG/KG	1,2-DICHLOROETHANE
9U	UG/KG	1,1,1-TRICHLOROETHANE
9U	UG/KG	CARBON TETRACHLORIDE
9U	UG/KG	BROMODICHLOROMETHANE
13U	UG/KG	1,2-DICHLOROPROPANE
9U	UG/KG	TRANS-1,3-DICHLOROPROPENE
9U	UG/KG	TRICHLOROETHENE/CHLOROETHYLENE
9U	UG/KG	BENZENE
9U	UG/KG	DIBROMOCHLOROMETHANE
9U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
9U	UG/KG	2-CHLOROETHYL VINYL ETHER
9U	UG/KG	BROMOFORM
9U	UG/KG	1,1,2,2-TETRACHLOROETHANE
9U	UG/KG	TETRACHLOROETHENE/CHLOROETHYLENE
9U	UG/KG	TOLUENE
9U	UG/KG	CHLOROBENZENE
9U	UG/KG	ETHYL BENZENE
9U	UG/KG	TOTAL XYLENES
?		MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA/ESD, RCG IV  
ATLANTA, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, MISC.  
SEDIMENT/STL/SLUDGE(DRY WT.)

SAMPLE NO.: 87C15550 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS TN: UG/KG	COMPOUND NAME
99J	ACETONE
99J	METHYL ETHYL KETONE
99J	CARBON DISULFIDE
99J	METHYL BUTYL KETONE
99J	METHYL ISOBUTYL KETONE
99J	STYRENE
99J	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CESSAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: DS HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STREET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 03/13/87 1630  
SAMPLE COLLECTION: STOP DATE/TIME 03/13/87

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. 802W  
SAMPLE REC'D: DATE/TIME 03/23/87 0825 REC'D BY: D CALQUITT  
SEALED?: YES

CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 3/20/87 @ 1350 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DLC

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A=AVGAE VALUE    \*NA-NOT ANALYZED    NAI-INTERFERENCES  
\*E=ESTIMATED VALUE    \*NP=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*X=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
ANALYST: REG TV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE/CRYSTALS  
SAMPLE NO.: 8701553F SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RODI  
SUBJECT: CEDAR CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG STATE: MS

STATION 1-2: 6-18 DOWNSTREAM FROM PLANT TRIP THROUGH PLANT  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1245  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: P DAVIS RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: J COLQUITT  
SEALED: YES

CHEMIST: FPA  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 02/20/87 @ 1850 BY PCD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: DLC

REMARKS: N/A

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
6U	UG/KG	CHLOROMETHANE
6U	UG/KG	BROMOMETHANE
6U	UG/KG	VINYL CHLORIDE
6U	UG/KG	CHLOROETHANE
6U	UG/KG	METHYLENE CHLORIDE
6U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6U	UG/KG	1,1-DICHLOROETHANE
6U	UG/KG	TRANS-1,2-DICHLOROETHENE
6U	UG/KG	CHLOROFORM
6U	UG/KG	1,2-DICHLOROETHANE
6U	UG/KG	1,1,1-TRICHLOROETHANE
6U	UG/KG	CARBON TETRACHLORIDE
6U	UG/KG	PROPYLDICHLOROMETHANE
6U	UG/KG	1,2-DICHLOROPROPANE
6U	UG/KG	TRICHLOROETHENE(Trichloroethylene)
6U	UG/KG	BENZENE
6U	UG/KG	DIBROMOCHLOROMETHANE
6U	UG/KG	1,1,2-TRICHLOROETHANE
6U	UG/KG	CIS-1,3-DICHLOROPROPENE
6U	UG/KG	2-CHLOROPHENYL VINYL ETHER
6U	UG/KG	BROMOFORM
6U	UG/KG	1,1,2,2-TETRACHLOROETHANE
6U	UG/KG	TETRACHLOROETHENE(Tetrachloroethylene)
6U	UG/KG	TOLUENE
6U	UG/KG	CHLOROBENZENE
6U	UG/KG	ETHYL BENZENE
25	UG/KG	TOTAL XYLENES
	%	MOISTURE

\*\*\*\*\*NOTES\*\*\*\*\*

NA= AVERAGE VALUE QNA= NOT ANALYZED QNAI= INTERFERENCES  
 Q-E= ESTIMATED VALUE QN= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 QK= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 QL= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 QU= MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESD, REG IV  
ATHENS, GEORGIA

03/31/87 PURPOSEABLE ORGANICS ANALYSIS, MTSC  
SEDIMENT/SPIL/SLUDGE(DRY WT.)

SAMPLE NO.: 87C15525 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
600	ACETONE
600	METHYL ETHYL KETONE
600	CARBON DISULFIDE
600	METHYL BUTYL KETONE
600	METHYL ISOBUTYL KETONE
600	STYRENE
600	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: ROPA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG STATE: MS

STATION NO.: E-18 DOWNSTREAM FROM PLANT SITE THROUGH PLANT  
STREET ADDRESS:

SAMPLE COLLECTED BY: START DATE/TIME: 03/19/87 1045  
SAMPLE COLLECTED BY: STOP DATE/TIME: 03/20/88

COLLECTED BY: G DAVIS RECEIVED FROM: LOCKED ROOM  
SAMPLED BY: DATE/TIME: 03/23/87 0925 RECORD BY: G DAVIS  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: DLC

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE AND NOT ANALYZED DUE TO INTERFERENCES  
\*\*I-ESTIMATED VALUE AND PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

06/17/87

PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15543 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-01-SOIL-FROM-SOUTH-OF-PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST: FRA

ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
10U	UG/KG	CHLOROMETHANE
10U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
10U	UG/KG	CHLOROETHANE
10U	UG/KG	METHYLENE CHLORIDE
10U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
10U	UG/KG	TRANS-1,2-DICHLOROETHENE
10U	UG/KG	CHLOROFORM
10U	UG/KG	1,2-DICHLOROETHANE
10U	UG/KG	1,1,1-TRICHLOROETHANE
10U	UG/KG	CARBON TETRACHLORIDE
10U	UG/KG	BROMODICHLOROMETHANE
10U	UG/KG	1,2-DICHLOROPROPANE
20U	UG/KG	TRANS-1,3-DICHLOROPROPENE
10U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
20U	UG/KG	CIS-1,3-DICHLOROPROPENE
20U	UG/KG	2-CHLOROETHYL VINYL ETHER
10U	UG/KG	BRDMOFORM
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE
10U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
10U	UG/KG	ETHYL BENZENE
10U	UG/KG	TOTAL XYLEMES
27	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED-BY: WFP SAMPLE DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME

100U	ACETONE
100U	METHYL ETHYL KETONE
100U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
100U	STYRENE
100U	VINYL ACETATE
30JN	METHYLSULFIDE
8JN	DIMETHYLDISULFIDE

06/17/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15543 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-01-SOIL-FROM-SOUTH-OF-PLANT  
STCRET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410  
SAMPLE COLLECTION: STOP-DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N/A-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/24/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(ERY WT)

SAMPLE NO.: 87C15544 SAMPLE TYPE: SOIL

PROJECT NO.: ST-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-92-SOIL HAZ-WASTE DRUM AREA  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: S GOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: S COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1550 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

\*\*\*REMARKS\*\*\*

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE      #N=NOT ANALYZED      #NAT-INTERFERENCES  
#J-ESTIMATED VALUE      #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME  
120U ACETONE  
120U METHYL ETHYL KETONE  
120U CARBON DISULFIDE  
120U METHYL BUTYL KETONE  
120U METHYL ISOBUTYL KETONE  
120U STYRENE  
120U VINYL ACETATE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

04/24/87

PURGEABLE ORGANICS ANALYSIS  
- SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 57015544 SAMPLE TYPE: SOIL

PROJECT NO.: ST-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE CRUM AREA  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445

SAMPLE COLLECTION: STOP DATE/TIME 03/00/00

COLLECTED BY: E. BOKEY RECEIVED FROM: LOCKED C. COOK  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D SY: D. COLQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: EPA

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE    \*\*A-NOT ANALYZED    \*\*\*A1-INTERFERENCES  
 \*E-ESTIMATED VALUE    \*\*E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
120	UG/KG	CHLOROMETHANE
120	UG/KG	BROMOMETHANE
120	UG/KG	VINYL CHLORIDE
120	UG/KG	CHLOROETHANE
120	UG/KG	METHYLENE CHLORIDE
120	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
120	UG/KG	1,1-DICHLOROETHANE
120	UG/KG	TRANS-1,2-DICHLOROETHENE
120	UG/KG	CHLOROFORM
120	UG/KG	1,2-DICHLOROETHANE
120	UG/KG	1,1,1-TRICHLOROETHANE
120	UG/KG	CARBON TETRACHLORIDE
120	UG/KG	BROMODICHLOROMETHANE
240	UG/KG	1,2-DICHLOROPROPANE
120	UG/KG	TRANS-1,3-DICHLOROPROPENE
120	UG/KG	TRICHLOROETHENE( TRICHLOROETHYLENE), BENZENE
120	UG/KG	DIBROMOCHLOROMETHANE
120	UG/KG	1,1,2-TRICHLOROETHANE
240	UG/KG	CIS-1,3-DICHLOROPROPENE
240	UG/KG	2-CHLOROETHYL VINYL ETHER
120	UG/KG	BROMOFORM
120	UG/KG	1,1,2,2-TETRACHLOROETHANE
120	UG/KG	TETRACHLOROETHENE( TETRACHLOROETHYLENE)
120	UG/KG	TOLUENE
120	UG/KG	CHLOROBENZENE
120	UG/KG	ETHYL BENZENE
120	UG/KG	TOTAL XYLENES
21	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
204-5500, REG. IV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/STL/SLUDGE (DPPY RTD)

SAMPLE NO.: 8701354F SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CESAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: SC-02 SOIL BONE YARD  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: D. DOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D. COLQUITT

SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
100	UG/KG	CHLOROMETHANE
100	UG/KG	BROMOMETHANE
100	UG/KG	VINYL CHLORIDE
100	UG/KG	CHLOROETHANE
100	UG/KG	METHYLENE CHLORIDE
100	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
100	UG/KG	1,1,2-DICHLOROETHANE
100	UG/KG	TRANS-1,2-DICHLOROETHENE
100	UG/KG	CHLOROFORM
100	UG/KG	1,2-DICHLOROETHANE
100	UG/KG	1,1,1-TRICHLOROETHANE
100	UG/KG	CARBON TETRACHLORIDE
100	UG/KG	2,2,2-DICHLOROMETHANE
100	UG/KG	1,2-DICHLOROPROPANE
100	UG/KG	TRANS-1,3-DICHLOROPROPENE
100	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
100	UG/KG	BENZENE
100	UG/KG	DISUBSTITUTEDMETHANE
100	UG/KG	1,1,2-TRICHLOROETHANE
200	UG/KG	CIS-1,3-DICHLOROPROPENE
200	UG/KG	2-CYCLOPENTYL VINYL ETHER
100	UG/KG	PROPYLFORM
100	UG/KG	1,1,2,2-TETRACHLOROETHANE
100	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
100	UG/KG	TOLUENE
100	UG/KG	CHLOROBENZENE
100	UG/KG	XYLYL BENZENE
100	UG/KG	TOTAL XYLENES
26	"	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1050 BY RDC

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFB SAMPLE DATA VERIFIED BY: DLC

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 DATA-AVERAGED VALUE IS NOT ANALYZED OR NOT-INTERFERENCES  
 Q.U.-ESTIMATED VALUE IS AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 Q.U.-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 Q.U.-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 Q.U.-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, RFG-IV  
ATHENS, GEORGIA

03/31/87 PURGEABLE ORGANICS ANALYSIS, MTSC  
SEDIMENT/SoIL/SLUDGE(CFRY WTD)

SAMPLE NO.: 87C1554F SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
1000	ACETONE
1000	METHYL ETHYL KETONE
1000	CARBON DISULFIDE
1000	METHYL BUTYL KETONE
1000	METHYL ISOBUTYL KETONE
1000	STYRENE
1000	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENTS: RCGA  
SUBJECT: VICKSBURG CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION ID: CO-03 SOIL ACRE YARD  
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1510

SAMPLE COLLECTION: STOP DATE/TIME 02/06/00

COLLECTED BY: J. DOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE RECEIVED DATE/TIME 02/23/87 0928 RECORD BY: J. DILLIOTT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 1 1950 BY PJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
NA=NOT ANALYZED QAI=INTERFERENCES  
N-E=ESTIMATED VALUE AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
N-A=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
P-A=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
NDU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD-88C-IV  
ATLANTA, GEORGIA

03/31/87      PURPOSEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SURFACEWATER ATDN

SAMPLE NO.: 87015545    SAMPLE TYPE: SOIL

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MS

STATION I.D.: CC-04 AREA COMPOSITE SOIL DUMPSITE PRODUCTION  
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME: 02/19/87 1540

SAMPLE COLLECTION: STOP DATE/TIME: 02/20/00

COLLECTED BY: S. DOKEY    RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D: DATE/TIME: 02/22/87 0825    REC'D BY: J. COLQUITT

SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1230 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP    SAMPLE DATA VERIFIED BY: DLC

REMARKS:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
7.0	UG/KG	CHLOROMETHANE
7.0	UG/KG	PROPYLMETHANE
7.0	UG/KG	VINYL CHLORIDE
7.0	UG/KG	CHLOROETHANE
7.0	UG/KG	METHYLENE CHLORIDE
7.0	UG/KG	1,1-DICHLOROETHANE (1,1-DICHLOROETHYLENE)
7.0	UG/KG	TRANS-1,2-DICHLOROETHENE
7.0	UG/KG	CHLOROFORM
7.0	UG/KG	1,2-DICHLOROETHANE
7.0	UG/KG	1,1,1-TRICHLOROETHANE
7.0	UG/KG	CARBON TETRACHLORIDE
7.0	UG/KG	BROMODICHLOROMETHANE
7.0	UG/KG	1,2-DICHLOROPROPANE
1.00	UG/KG	TRANS-1,3-DICHLOROPROPENE
7.0	UG/KG	TRICHLOROETHENE/CHLOROETHYLENE
7.0	UG/KG	SENVENE
7.0	UG/KG	DIBROMOCHLOROMETHANE
7.0	UG/KG	1,1,2-TRICHLOROETHANE
1.00	UG/KG	CIS-1,3-DICHLOROPROPENE
7.0	UG/KG	2-CHLOROETHYL VINYL ETHER
7.0	UG/KG	BROMOFORM
7.0	UG/KG	1,1,2,2-TETRACHLOROETHANE
7.0	UG/KG	TETRACHLOROETHENE/CHLOROETHYLENE
2.3J	UG/KG	CHLORINE
7.0	UG/KG	CHLOROBENZENE
7.0	UG/KG	ETHYL BENZENE
2.3J	UG/KG	TOTAL XYLENES
22	%	MOISTURE

\*\*\*\*\*NOTES\*\*\*\*\*

QA-AVERAGE VALUE    QA-NOT ANALYZED    QAI-INTERFERENCES  
QE-ESTIMATED VALUE    QE-PRESUMED VALUE    QE-PRSENCE OF MATERIAL  
QK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
QL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
QU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESQ, BFG, IV  
ATHENS, GEORGIA

03/31/87 PURPOSE: ORGANICS ANALYSIS; MISC.  
SEDIMENT/STL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15F4S SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
240	ACETONE
231	METHYL ETHYL KETONE
700	CARBON DISULFIDE
700	METHYL BUTYL KETONE
700	METHYL ISOBUTYL KETONE
700	STYRENE
700	VINYL ACETATE

PROJECT NO.: 87-171 PROGRAM ELEMENT: PCPA  
SOURCE: CESSIUS CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG STATE: MS

STATION ID#: CD-24 AREA COMPOSITE SOIL DINOSET PRODUCTION  
STORE STATION ID:

SAMPLE COLLECTION: START DATE/TIME 02/13/87 1540

SAMPLE COLLECTION: STOP DATE/TIME 02/13/87 1600

COLLECTED BY: S. DOKEY RECEIVED FROM: LOCKER 8: 022M  
SAMPLE REC'D DATE/TIME 02/13/87 0925 REC'D BY: S. COLLIERTT  
SEALED: YES

CHEMIST:

ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/10/87 @ 1650 BY SDC

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: SLC

\*\*\*\*\*REMARKS\*\*\*\*\*

\*\*\*\*\*NOTES\*\*\*\*\*  
AV-AVERAGE VALUE UNANALYZED OR NOT INTERFERENCES  
EST-ESTIMATED VALUE WITH PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
ACT-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
MDU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG. IV  
ATHENS, GEORGIA

03/31/87      PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT.)  
SAMPLE NO.: 87015547      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-05 SOIL ADJ TO RR  
STREET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 01/19/87 1503

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLEWITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHODS:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: DLC

REMARKS:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
2U	UG/KG	CHLOROMETHANE
2U	UG/KG	BROMOMETHANE
2U	UG/KG	VINYL CHLORIDE
2U	UG/KG	CHLOROETHANE
2U	UG/KG	METHYLENE CHLORIDE
2U	UG/KG	1,1-DICHLOROETHANE(1,1-DICHLOROETHYLENE)
2U	UG/KG	TRANS-1,2-DICHLOROETHENE
2U	UG/KG	CHLOROFORM
2U	UG/KG	1,2-DICHLOROETHANE
2U	UG/KG	1,1,1-TRICHLOROETHANE
2U	UG/KG	CARBON TETRACHLORIDE
2U	UG/KG	BROMODIOCHLOROMETHANE
2U	UG/KG	1,2-DICHLOROPROPANE
2U	UG/KG	TRANS-1,3-DICHLOROPROPENE
2U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
2U	UG/KG	BENZENE
2U	UG/KG	2-BROMOCHLOROMETHANE
2U	UG/KG	1,1,2-TRICHLOROETHANE
2U	UG/KG	CIS-1,3-DICHLOROPROPENE
2U	UG/KG	2-CHLOROETHYL VINYL ETHER
2U	UG/KG	PROMOFORM
2U	UG/KG	1,1,2,2-TETRACHLOROETHANE
2U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
2U	UG/KG	TOLUENE
2U	UG/KG	CHLOROBENZENE
2U	UG/KG	ETHYL BENZENE
2U	UG/KG	TOTAL XYLENES
27	*	MOISTURE

\*\*\*\*\*NOTES\*\*\*\*\*

\*AVERAGE VALUE      NOT ANALYZED      BNAT-INTERFERENCE  
\*\*ESTIMATED VALUE      AN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*\*ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*\*\*ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*\*\*\*MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSTS MANAGEMENT SYSTEM  
REG. IV  
ATHENS, GEORGIA

03/31/87      PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(DRY WT)~

SAMPLE NO.: 27C15547      SAMPLE TYPE: SOIL

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS IN: ug/kg	COMPOUND NAME
900	ACETONE
900	METHYL ETHYL KETONE
900	CARBON DISULFIDE
900	METHYL BUTYL KETONE
900	METHYL ISOBUTYL KETONE
900	STYRENE
900	VINYL ACETATE

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICALS)  
CITY: VICKSBURG      STATE: MS

STATION ID: CC-25 SOIL ADJ TO PP  
STORRT STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/19/87 1500  
SAMPLE COLLECTION: STOP DATE/TIME 03/20/87

COLLECTED BY: P. DODKEY      RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D. CALQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1350 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WEP      DATA VERIFIED BY: DLC

\*\*\*REMARKS\*\*\*

\*\*\*NOTES\*\*\*  
\*\*A= AVERAGE VALUE      \*\*D= NOT ANALYZED      \*\*N= INTERFERENCES  
\*\*E= ESTIMATED VALUE      \*\*P= PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K= ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L= ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U= MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/15/87 PURGEABLE ORGANICS ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORET STATION NC:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630

SAMPLE COLLECTION: STCP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: O COLQUITT  
SEALED: YES

CHEMIST: FRA  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
30000	UG/KG	CHLOROMETHANE
30000	UG/KG	BROMOMETHANE
30000	UG/KG	VINYL CHLORIDE
30000	UG/KG	CHLOROETHANE
30000	UG/KG	METHYLENE CHLORIDE
30000	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
30000	UG/KG	1,1-DICHLOROETHANE
30000	UG/KG	TRANS-1,2-DICHLOROETHENE
30000	UG/KG	CHLOROFORM
30000	UG/KG	1,2-DICHLOROETHANE
30000	UG/KG	1,1,1-TRICHLOROETHANE
30000	UG/KG	CARBON TETRACHLORIDE
30000	UG/KG	BROMODICHLOROMETHANE
30000	UG/KG	1,2-DICHLOROPROPANE
30000	UG/KG	TRANS-1,3-DICHLOROPROPENE
30000	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
30000	UG/KG	BENZENE
30000	UG/KG	OIBRCMDCHLOROMETHANE
30000	UG/KG	1,1,2-TRICHLOROETHANE
30000	UG/KG	CIS-1,3-DICHLOROPROPENE
30000	UG/KG	2-CHLOROETHYL VINYL ETHER
30000	UG/KG	BRONCHFORM
30000	UG/KG	1,1,2,2-TETRACHLOROETHANE
30000	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
30000	UG/KG	TCLUENE
30000	UG/KG	CHLOROBENZENE
30000	UG/KG	ETHYL BENZENE
30000	UG/KG	TOTAL XYLENES
28	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*N/A-INTERFERENCES
- \*J-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/15/87 PURGEABLE ORGANICS ANALYSIS, MISC  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-06. SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE RCCM 2/20/87 @ 1850 BY POD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TSB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*N4I-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME  
300000U ACETONE  
300000U METHYL ETHYL KETONE  
300000U CARBON DISULFIDE  
300000U METHYL BUTYL KETONE  
300000U METHYL ISOBUTYL KETONE  
30000U STYRENE  
30000U VINYL ACETATE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15523 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1S UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0930  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
84000	UG/KG	1,3-DICHLOROBENZENE
84000	UG/KG	1,4-DICHLOROBENZENE
84000	UG/KG	1,2-DICHLOROBENZENE
84000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
84000	UG/KG	HEXAACHLOROETHANE
84000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
84000	UG/KG	N-NITROSDODI-N-PROPYLAMINE
84000	UG/KG	NITROBENZENE
84000	UG/KG	HEXAACHLOROBUTADIENE
84000	UG/KG	1,2,4-TRICHLOROBENZENE
84000	UG/KG	NAPHTHALENE
84000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
84000	UG/KG	ISOPHORONE
84000	UG/KG	HEXAACHLOROCYCLOPENTADIENE (HCCP)
84000	UG/KG	2-CHLORONAPHTHALENE
84000	UG/KG	ACENAPHTHYLENE
84000	UG/KG	ACENAPHTHENE
84000	UG/KG	DIETHYL PHTHALATE
84000	UG/KG	2,4-DINITROTOLUENE
84000	UG/KG	2,6-DINITROTOLUENE
84000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
84000	UG/KG	FLUORENE
84000	UG/KG	DIETHYL PHTHALATE
84000	UG/KG	N-NITROSDIPHENYLAMINE/DIPHENYLAMINE
84000	UG/KG	HEXAACHLOROBENZENE (HCB)
84000	UG/KG	4-BROMOPHENYL PHENYL ETHER
84000	UG/KG	PHENANTHRENE
84000	UG/KG	ANTHRACENE
13000	UG/KG	DI-N-BUTYL PHTHALATE
14000	UG/KG	FLUORANTHENE
84000	UG/KG	PYRENE
84000	UG/KG	BENZYL BUTYL PHTHALATE
84000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
84000	UG/KG	BENZO(A)ANTHRACENE
13000	UG/KG	CHRYSENE
84000	UG/KG	3,3'-DICHLOROBENZIDINE
84000	UG/KG	DI-N-OCTYL PHTHALATE
84000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
84000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
84000	UG/KG	BENZO-A-PYRENE
84000	UG/KG	INDENO(1,2,3-CD) PYRENE
84000	UG/KG	DIBENZO(A,H)ANTHRACENE
84000	UG/KG	BENZO(CGH)PERYLENE
84000	UG/KG	2-CHLOROPHENOL
84000	UG/KG	2-NITROPHENOL
84000	UG/KG	PHENOL
84000	UG/KG	2,4-DIMETHYLPHENOL
84000	UG/KG	2,4-DICHLOROPHENOL
84000	UG/KG	2,4,6-TRICHLOROPHENOL
170000	UG/KG	4-CHLORO-3-METHYLPHENOL
170000	UG/KG	2,4-DINITROPHENOL
170000	UG/KG	2-METHYL-4,6-DINITROPHENOL
170000	UG/KG	PENTACHLOROPHENOL
170000	UG/KG	4-NITROPHENOL
29	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15523 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
17000U	BENZOIC ACID
8400U	2-METHYLPHENOL
8400U	4-METHYLPHENOL
8400U	2,4,5-TRICHLOROPHENOL
8400U	BENZYL ALCOHOL
17000U	4-CHLORDROANILINE
8400U	DIBENZOFURAN
8400U	2-METHYLNAPHTHALENE
8400U	2-NITROANILINE
8400U	3-NITROANILINE
8400U	4-NITROANILINE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-15 UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0930  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15525 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-25 DOWNSTREAM TRIB TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1140  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
64000	UG/KG	1,3-DICHLOROBENZENE
64000	UG/KG	1,4-DICHLOROBENZENE
64000	UG/KG	1,2-DICHLOROBENZENE
64000	UG/KG	BIS(C <sub>2</sub> -CHLOROETHYL) ETHER
64000	UG/KG	HEXACHLOROETHANE
64000	UG/KG	BIS(C <sub>2</sub> -CHLOROISOPROPYL) ETHER
64000	UG/KG	N-NITROSODI-N-PROPYLAMINE
64000	UG/KG	NITROBENZENE
64000	UG/KG	HEXACHLOROBUTADIENE
64000	UG/KG	1,2,4-TRICHLOROBENZENE
64000	UG/KG	NAFTHALENE
64000	UG/KG	BIS(C <sub>2</sub> -CHLOROETHOXY) METHANE
64000	UG/KG	ISOPHORONE
64000	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
64000	UG/KG	2-CHLORONAPHTHALENE
64000	UG/KG	ACENAPHTHYLENE
64000	UG/KG	ACENAPHTHENE
64000	UG/KG	DIMETHYL PHTHALATE
64000	UG/KG	2,4-DINITROTOLUENE
64000	UG/KG	2,6-DINITROTOLUENE
64000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
64000	UG/KG	FLUORENE
64000	UG/KG	DIETHYL PHTHALATE
64000	UG/KG	N-NITROSOOIPHENYLAMINE/DIPHENYLAMINE
64000	UG/KG	HEXACHLOROBENZENE (HCB)
64000	UG/KG	4-BROMOPHENYL PHENYL ETHER
64000	UG/KG	PHENANTHRENE
64000	UG/KG	ANTHRACENE
64000	UG/KG	DI-N-BUTYLPHTHALATE
64000	UG/KG	FLUORANTHENE
64000	UG/KG	PYRENE
64000	UG/KG	BENZYL BUTYL PHTHALATE
64000	UG/KG	BIS(C <sub>2</sub> -ETHYLHEXYL) PHTHALATE
64000	UG/KG	BENZO(A)ANTHRACENE
64000	UG/KG	CHRYSENE
64000	UG/KG	3,3'-DICHLOROBENZIDINE
64000	UG/KG	DI-N-OCTYLPHTHALATE
64000	UG/KG	BENZO(CB AND/OR K)FLUORANTHENE
64000	UG/KG	BENZO(CB AND/OR K)FLUORANTHENE
64000	UG/KG	BENZO-A-PYRENE
64000	UG/KG	INDENO (1,2,3-CD) PYRENE
64000	UG/KG	DIBENZO(A,H)ANTHRACENE
64000	UG/KG	BENZO(IGH)PERYLENE
64000	UG/KG	2-CHLOROPHENOL
64000	UG/KG	2-NITROPHENOL
64000	UG/KG	PHENOL
64000	UG/KG	2,4-DIMETHYLPHENOL
64000	UG/KG	2,4-DICHLOROPHENOL
64000	UG/KG	2,4,6-TRICHLOROPHENOL
64000	UG/KG	4-CHLORO-3-METHYLPHENOL
64000	UG/KG	2,4-DINITROPHENOL
64000	UG/KG	2-METHYL-4,6-DINITROPHENOL
64000	UG/KG	PENTACHLOROPHENOL
64000	UG/KG	4-NITROPHENOL
37	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15525 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2S DOWNSTREAM TRIB TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1140  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R.DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D.CDLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TSB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
13000U	BENZOIC ACID
6400U	2-METHYLPHENOL
6400U	4-METHYLPHENOL
6400U	2,4,5-TRICHLOROPHENOL
6400U	BENZYL ALCOHOL
13000U	4-CHLOROANILINE
6400U	DIBENZOFURAN
6400U	2-METHYLNAPHTHALENE
6400U	2-NITROANILINE
6400U	3-NITROANILINE
5400U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15529      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: A-35 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*E-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
6100U	UG/KG	1,3-DICHLOROBENZENE
6100U	UG/KG	1,4-DICHLOROBENZENE
6100U	UG/KG	1,2-DICHLOROBENZENE
6100U	UG/KG	BIS(2-CHLOROETHYL) ETHER
6100U	UG/KG	HEXAChLORoETHANE
6100U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
6100U	UG/KG	N-NITROSOdi-N-PROPYLAMINE
6100U	UG/KG	NITROBENZENE
6100U	UG/KG	HEXAChLOROBUTADIENE
6100U	UG/KG	1,2,4-TRICHLOROBENZENE
6100U	UG/KG	NAPHTHALENE
6100U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
6100U	UG/KG	ISOPHORONE
6100U	UG/KG	HEXAChLOROCYCLOPENTADIENE (HCCP)
6100U	UG/KG	2-CHLORONAPHTHALENE
6100U	UG/KG	ACENAPHTHYLENE
6100U	UG/KG	ACENAPHTHENE
6100U	UG/KG	DIMETHYL PHTHALATE
6100U	UG/KG	2,4-DINITROTOLUENE
6100U	UG/KG	2,6-DINITROTOLUENE
6100U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
6100U	UG/KG	FLUORENE
6100U	UG/KG	DIETHYL PHTHALATE
6100U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
6100U	UG/KG	HEXAChLOROBENZENE (HCB)
6100U	UG/KG	4-BROMOPHENYL PHENYL ETHER
6100U	UG/KG	PHENANTHRENE
6100U	UG/KG	ANTHRACENE
6100U	UG/KG	DI-N-BUTYL PHTHALATE
6100U	UG/KG	FLUORANTHENE
6100U	UG/KG	PYRENE
6100U	UG/KG	BENZYL BUTYL PHTHALATE
6100U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
6100U	UG/KG	BENZO(C,A)ANTHRACENE
6100U	UG/KG	CHRYSENE
6100U	UG/KG	3,3'-DICHLOROBENZIDINE
6100U	UG/KG	DI-N-OCTYL PHTHALATE
6100U	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
6100U	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
6100U	UG/KG	BENZO-A-PYRENE
6100U	UG/KG	INDENO (1,2,3-CD) PYRENE
6100U	UG/KG	DIBENZO(C,A,H)ANTHRACENE
6100U	UG/KG	BENZO(G,H,I)PERYLENE
6100U	UG/KG	2-CHLOROPHENOL
6100U	UG/KG	2-NITROPHENOL
6100U	UG/KG	PHENOL
6100U	UG/KG	2,4-DIMETHYLPHENOL
6100U	UG/KG	2,4-DICHLOROPHENOL
6100U	UG/KG	2,4,6-TRICHLOROPHENOL
6100U	UG/KG	4-CHLORO-3-METHYLPHENOL
13000U	UG/KG	2,4-DINITROPHENOL
13000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
13000U	UG/KG	PENTACHLOROPHENOL
13000U	UG/KG	4-NITROPHENOL
22	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15529 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3S LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/KG	COMPOUND NAME
13000U		BENZOIC ACID
6100U		2-METHYLPHENOL
6100U		4-METHYLPHENOL
6100U		2,4,5-TRICHLOROPHENOL
6100U		BENZYL ALCOHOL
13000U		4-CHLORDANILINE
6100U		DIBENZOFURAN
6100U		2-METHYLNAPHTHALENE
6100U		2-NITROANILINE
6100U		3-NITROANILINE
5100U		4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SoIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15527      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: B-15 UPSTREAM STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0625      REC'D BY: O COLQUITT

SEALED: YES  
CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
66000	UG/KG	1,3-DICHLOROBENZENE
66000	UG/KG	1,4-DICHLOROBENZENE
66000	UG/KG	1,2-DICHLOROBENZENE
66000	UG/KG	BIS(2-CHLOROETHYL) ETHER
66000	UG/KG	HEXACHLOROETHANE
66000	UG/KG	BIS(2-CHLORODISOPROPYL) ETHER
66000	UG/KG	N-NITROSODI-N-PROPYLAMINE
66000	UG/KG	NITROBENZENE
66000	UG/KG	HEXA(2-CHLOROBUTADIENE
66000	UG/KG	1,2,4-TRICHLOROBENZENE
66000	UG/KG	NAPHTHALENE
66000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
66000	UG/KG	ISOPHORONE
66000	UG/KG	HEXA(2-CHLOROCYCLOPENTADIENE (HCCP)
66000	UG/KG	2-CHLORONAPHTHALENE
66000	UG/KG	ACENAPHTHYLENE
66000	UG/KG	ACENAPHTHENE
66000	UG/KG	DIMETHYL PHTHALATE
66000	UG/KG	2,4-DINITROTOLUENE
66000	UG/KG	2,6-DINITROTOLUENE
66000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
66000	UG/KG	FLUORENE
66000	UG/KG	DIETHYL PHTHALATE
66000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
66000	UG/KG	HEXA(2-CHLOROBENZENE (HCB)
66000	UG/KG	4-BROMOPHENYL PHENYL ETHER
66000	UG/KG	PHENANTHRENE
66000	UG/KG	ANTHRACENE
66000	UG/KG	DI-N-BUTYLPHTHALATE
66000	UG/KG	FLUORANTHENE
66000	UG/KG	PYRENE
66000	UG/KG	BENZYL BUTYL PHTHALATE
66000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
66000	UG/KG	8BENZO(A)ANTHRACENE
66000	UG/KG	CHRYSENE
66000	UG/KG	3,3'-DICHLOROBENZIDINE
66000	UG/KG	DI-N-OCTYLPHTHALATE
66000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
66000	UG/KG	BENZO(C AND/OR K)FLUORANTHENE
66000	UG/KG	BENZO-A-PYRENE
66000	UG/KG	INDENO-(1,2,3-CD) PYRENE
66000	UG/KG	DI BENZO(A,H)ANTHRACENE
66000	UG/KG	BENZO(CGH)PERYLENE
66000	UG/KG	2-CHLOROPHENOL
66000	UG/KG	2-NITROPHENOL
66000	UG/KG	PHENOL
66000	UG/KG	2,4-DIMETHYLPHENOL
66000	UG/KG	2,4-DICHLOROPHENOL
66000	UG/KG	2,4,6-TRICHLOROPHENOL
66000	UG/KG	4-CHLORD-3-METHYLPHENOL
130000	UG/KG	2,4-DINITROPHENOL
130000	UG/KG	2-METHYL-4,6-DINITROPHENOL
130000	UG/KG	PENTACHLOROPHENOL
130000	UG/KG	4-NITROPHENOL
22	X	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15527 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-1S UPSTREAM STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
13000U	BENZOIC ACID
6600U	2-METHYLPHENOL
6600U	4-METHYLPHENOL
6600U	2,4,5-TRICHLOROPHENOL
5500U	BENZYL ALCOHOL
13000U	4-CHLOROANILINE
6600U	DIBENZOFURAN
6600U	2-METHYLNAPHTHALENE
6600U	2-NITROANILINE
6600U	3-NITROANILINE
6600U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15533 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: 8-2S STOUT BAYOU DOWNSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D CDLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
8300U	UG/KG	1,3-DICHLOROBENZENE
8300J	UG/KG	1,4-DICHLOROBENZENE
8300U	UG/KG	1,2-DICHLOROBENZENE
8300U	UG/KG	BIS(2-CHLOROETHYL) ETHER
8300U	UG/KG	HEXACHLOROETHANE
8300U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
8300U	UG/KG	N,N-TROSO DI-N-PROPYLAMINE
8300U	UG/KG	NITROBENZENE
8300U	UG/KG	HEXA CHLOROBUTADIENE
8300U	UG/KG	1,2,4-TRICHLOROBENZENE
8300U	UG/KG	NAPHTHALENE
8300U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
8300U	UG/KG	ISOPHORONE
8300U	UG/KG	HEXA CHLOROCYCLOPENTADIENE (HCCP)
8300U	UG/KG	2-CHLORONAPHTHALENE
8300U	UG/KG	ACENAPHTHYLENE
8300U	UG/KG	ACENAPHTHENE
8300U	UG/KG	DIMETHYL PHTHALATE
8300U	UG/KG	2,4-DINITROTOLUENE
8300U	UG/KG	2,6-DINITROTOLUENE
8300U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
8300U	UG/KG	FLUORENE
8300U	UG/KG	DIETHYL PHTHALATE
8300U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
8300U	UG/KG	HEXA CHLOROBENZENE (HC8)
8300U	UG/KG	4-BROMOPHENYL PHENYL ETHER
8300U	UG/KG	PHENANTHRENE
8300U	UG/KG	ANTHRACENE
8300U	UG/KG	DI-N-BUTYL PHTHALATE
8300U	UG/KG	FLUORANTHENE
8300U	UG/KG	PYRENE
8300U	UG/KG	BENZYL BUTYL PHTHALATE
8300U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
8300U	UG/KG	BENZO(A)ANTHRACENE
8300U	UG/KG	CHRYSENE
8300U	UG/KG	3,3'-DICHLOROBENZIDINE
8300U	UG/KG	DI-N-OCTYL PHTHALATE
8300U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
8300U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
8300U	UG/KG	BENZO-A-PYRENE
8300U	UG/KG	INDENE (1,2,3-C) PYRENE
8300U	UG/KG	DI BENZO(A,H)ANTHRACENE
8300U	UG/KG	BENZO(GH)PERYLENE
8300U	UG/KG	2-CHLOROPHENOL
8300U	UG/KG	2-NITROPHENOL
8300U	UG/KG	PHENOL
8300U	UG/KG	2,4-DIMETHYLPHENOL
8300U	UG/KG	2,4-DICHLOROPHENOL
8300U	UG/KG	2,4,6-TRICHLOROPHENOL
8300U	UG/KG	4-CHLORO-3-METHYLPHENOL
17000U	UG/KG	2,4-DINITROPHENOL
17000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
17000U	UG/KG	PENTACHLOROPHENOL
17000U	UG/KG	4-NITROPHENOL
36	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15533 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-2S STOUT BAYOU DOWNSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/KG	COMPOUND NAME
17000U		BENZOIC ACID
8300U		2-METHYLPHENOL
8300U		4-METHYLPHENOL
8300U		2,4,5-TRICHLOROPHENOL
8300U		BENZYL ALCOHOL
17000U		4-CHLOROANILINE
8300U		DIBENZOFURAN
8300U		2-METHYLNAPHTHALENE
8300U		2-NITROANILINE
8300U		3-NITROANILINE
8300U		4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
QU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)  
SAMPLE NO.: 87C15531 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-AS HATCHER BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0840  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL HAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS	UNITS	COMPOUND
6200U	UG/KG	1,3-DICHLOROBENZENE
6200U	UG/KG	1,4-DICHLOROBENZENE
6200U	UG/KG	1,2-DICHLOROBENZENE
6200U	UG/KG	BIS(2-CHLORDISOPROPYL) ETHER
6200U	UG/KG	HEXAChLORoETHANE
6200U	UG/KG	BIS(2-CHLORDISOPROPYL) ETHER
6200U	UG/KG	N-NITROSODI-N-PROPYLAMINE
6200U	UG/KG	NITROBENZENE
6200U	UG/KG	HEXAChLOROBUTADIENE
6200U	UG/KG	1,2,4-TRICHLOROBENZENE
6200U	UG/KG	NAPHTHALENE
6200U	UG/KG	BIS(2-CHLOROETHoxy) METHANE
6200U	UG/KG	ISOPHORONE
6200U	UG/KG	HEXAChLOROCYCLOPENTADIENE (HCCP)
6200U	UG/KG	2-CHLORONAPHTHALENE
6200U	UG/KG	ACENAPHTHYLENE
6200U	UG/KG	ACENAPHTHENE
6200U	UG/KG	DIMETHYL PHTHALATE
6200U	UG/KG	2,4-DINITROTOLUENE
6200U	UG/KG	2,6-DINITROTOLUENE
6200U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
6200U	UG/KG	FLUORENE
6200U	UG/KG	DIETHYL PHTHALATE
6200U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
6200U	UG/KG	HEXAChLOROBENZENE (HCB)
6200U	UG/KG	4-BROMOPHENYL PHENYL ETHER
6200U	UG/KG	PHENANTHRENE
6200U	UG/KG	ANTHRACENE
6200U	UG/KG	DI-N-BUTYLPHTHALATE
6200U	UG/KG	FLUORANTHENE
6200U	UG/KG	PYRENE
6200U	UG/KG	BENZYL BUTYL PHTHALATE
6200U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
6200U	UG/KG	BENZO(A)ANTHRACENE
6200U	UG/KG	CHRYSENE
6200U	UG/KG	3,3'-DICHLOROBENZIDINE
6200U	UG/KG	DI-N-DIETHYLPHTHALATE
6200U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6200U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6200U	UG/KG	BENZO-A-PYRENE
6200U	UG/KG	INDENO (1,2,3-CD) PYRENE
6200U	UG/KG	DIBENZO(A,H)ANTHRACENE
6200U	UG/KG	BENZO(GHI)PERYLENE
6200U	UG/KG	2-CHLOROPHENOL
6200U	UG/KG	2-NITROPHENOL
6200U	UG/KG	PHENOL
6200U	UG/KG	2,6-DIMETHYLPHENOL
6200U	UG/KG	2,4-DICHLOROPHENOL
6200U	UG/KG	2,4,6-TRICHLOROPHENOL
6200U	UG/KG	4-CHLORO-3-METHYLPHENOL
13000U	UG/KG	2,4-DINITROPHENOL
13000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
13000U	UG/KG	PENTACHLOROPHENOL
13000U	UG/KG	4-NITROPHENOL
24	Z	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15531 SAMPLE TYPE: SEDIM

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
13000U	BENZOIC ACID
6200U	2-METHYLPHENOL
6200U	4-METHYLPHENOL
6200U	2,4,5-TRICHLOROPHENOL
6200U	BENZYL ALCOHOL
13000U	4-CHLORDANILINE
6200U	DIBENZOFURAN
6200U	2-METHYLNAPHTHALENE
6200U	2-NITROANILINE
6200U	3-NITROANILINE
6200U	4-NITROANILINE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-25 HATCHER BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0840  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87      EXTRACTABLE ORGANIC ANALYSIS  
                  SEDIMENT/SOIL/SLUDGE(DRY WT)  
                  SAMPLE NO.: 87C15550    SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MS  
D-15

STATION I.D.: DS HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1530  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS    RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825    REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP    DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE    #NA-NOT ANALYZED    #NAI-INTERFERENCES  
#J-ESTIMATED VALUE    #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*ANALYTICAL RESULTS\*\*\*\*

RESULTS	UNITS	COMPOUND
71000	UG/KG	1,3-DICHLOROBENZENE
71000	UG/KG	1,4-DICHLOROBENZENE
71000	UG/KG	1,2-DICHLOROBENZENE
71000	UG/KG	BIS(2-CHLOROETHYL) ETHER
71000	UG/KG	HEXAACHLORETHANE
71000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
71000	UG/KG	N-NITROSODI-N-PROPYLAMINE
71000	UG/KG	NITROBENZENE
71000	UG/KG	HEXAACHLOROBUTADIENE
71000	UG/KG	1,2,4-TRICHLOROBENZENE
71000	UG/KG	NAPHTHALENE
71000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
71000	UG/KG	ISOPHORONE
71000	UG/KG	HEXAACHLOROCYCLOPENTADIENE (HCCP)
71000	UG/KG	2-CHLORDINAPHTHALENE
71000	UG/KG	ACENAPHTHENE
71000	UG/KG	ACENAPHTHENE
71000	UG/KG	DIMETHYL PHTHALATE
71000	UG/KG	2,4-DINITROTOLUENE
71000	UG/KS	2,6-DINITROTOLUENE
71000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
71000	UG/KG	FLUORENE
71000	UG/KG	DIETHYL PHTHALATE
71000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
71000	UG/KG	HEXAACHLOROBENZENE (HCB)
71000	UG/KG	4-BROMOPHENYL PHENYL ETHER
71000	UG/KG	PHENANTHRENE
71000	UG/KG	ANTHRACENE
71000	UG/KG	DI-N-BUTYLPHTHALATE
71000	UG/KG	FLUORANTHENE
71000	UG/KG	PYRENE
71000	UG/KG	BENZYL BUTYL PHTHALATE
71000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
71000	UG/KG	BENZO(A)ANTHRACENE
71000	UG/KG	CHRYSENE
71000	UG/KG	3,3'-DICHLOROBENZIDINE
71000	UG/KG	DI-N-OCTYLPHTHALATE
71000	UG/KG	BENZO(B) AND/OR K FLUORANTHENE
71000	UG/KG	BENZO(B) AND/OR K FLUORANTHENE
71000	UG/KG	BENZO-A-PYRENE
71000	UG/KG	INDENO (1,2,3-CD) PYRENE
71000	UG/KG	OIBENZO(C,H)ANTHRACENE
71000	UG/KG	BENZO(G,H,I)PERYLENE
71000	UG/KG	2-CHLOROPHENOL
71000	UG/KG	2-NITROPHENOL
71000	UG/KG	PHENOL
71000	UG/KG	2,4-DIMETHYLPHENOL
71000	UG/KG	2,4-DICHLOROPHENOL
71000	UG/KG	2,4,6-TRICHLOROPHENOL
71000	UG/KG	4-CHLORO-3-METHYLPHENOL
150000	UG/KG	2,4-DINITROPHENOL
150000	UG/KG	2-METHYL-4,6-DINITROPHENOL
150000	UG/KG	PENTACHLOROPHENOL
150000	UG/KG	4-NITROPHENOL
32	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15550 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: DS HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1530

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
15000U	BENZOIC ACID
7100U	2-METHYLPHENOL
7100U	4-METHYLPHENOL
7100U	2,4,5-TRICHLOROPHENOL
7100U	BENZYL ALCOHOL
15000U	4-CHLOROANILINE
7100U	DIBENZOFURAN
7100U	2-METHYLNAPHTHALENE
7100U	2-NITROANILINE
7100U	3-NITROANILINE
7100U	4-NITROANILINE

\*\*\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
SPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15535 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-15 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1245

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
63000	UG/KG	1,3-DICHLOROBENZENE
63000	UG/KG	1,4-DICHLOROBENZENE
63000	UG/KG	1,2-DICHLOROBENZENE
63000	UG/KG	BIS(2-CHLOROETHYL) ETHER
63000	UG/KG	HEXACHLOROETHANE
63000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
63000	UG/KG	N-NITROSODI-N-PROPYLAMINE
63000	UG/KG	NITROBENZENE
63000	UG/KG	HEXACHLOROBUTADIENE
63000	UG/KG	1,2,4-TRICHLOROBENZENE
63000	UG/KG	NAPHTHALENE
63000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
63000	UG/KG	ISOPHORONE
63000	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
63000	UG/KG	2-CHLORONAPHTHALENE
63000	UG/KG	ACENAPHTHYLENE
63000	UG/KG	ACENAPHTHENE
63000	UG/KG	DIMETHYL PHTHALATE
63000	UG/KG	2,4-DINITROTOLUENE
63000	UG/KG	2,6-DINITROTOLUENE
63000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
63000	UG/KG	FLUORENE
63000	UG/KG	DIETHYL PHTHALATE
63000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
63000	UG/KG	HEXACHLOROBENZENE (HCB)
63000	UG/KG	4-BROMOPHENYL PHENYL ETHER
63000	UG/KG	PHENANTHRENE
63000	UG/KG	ANTHRACENE
63000	UG/KG	DI-N-BUTYL PHTHALATE
6600	UG/KG	FLUORANTHENE
63000	UG/KG	PYRENE
63000	UG/KG	BENZYL BUTYL PHTHALATE
63000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
63000	UG/KG	BENZOCA-ANTHRACENE
63000	UG/KG	CHRYSENE
63000	UG/KG	3,3'-DICHLOROBENZIDINE
63000	UG/KG	DI-N-OCTYL PHTHALATE
63000	UG/KG	BENZOCA AND/OR K FLUORANTHENE
63000	UG/KG	BENZOCA AND/OR K FLUORANTHENE
63000	UG/KG	SENZD-A-PYRENE
63000	UG/KG	INDENO (1,2,3-CD) PYRENE
63000	UG/KG	DIBENZOCA(H)ANTHRACENE
63000	UG/KG	BENZO(GH)PERYLENE
63000	UG/KG	2-CHLOROPHENOL
63000	UG/KG	2-NITROPHENOL
63000	UG/KG	PHENOL
63000	UG/KG	2,4-DIMETHYLPHENOL
63000	UG/KG	2,4-DICHLOROPHENOL
63000	UG/KG	2,4,6-TRICHLOROPHENOL
130000	UG/KG	4-CHLORO-3-METHYLPHENOL
130000	UG/KG	2,4-DINITROPHENOL
130000	UG/KG	2-METHYL-4,6-DINITROPHENOL
130000	UG/KG	PENTACHLOROPHENOL
130000	UG/KG	4-NITROPHENOL
25	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WTD)

SAMPLE NO.: 87C15535 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-1S DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*ANALYTICAL RESULTS\*\*\*

RESULTS	IN: UG/KG	COMPOUND NAME
13000U		BENZOIC ACID
6300U		2-METHYLPHENOL
5300U		4-METHYLPHENOL
6300U		2,4,5-TRICHLOROPHENOL
6300U		BENZYL ALCOHOL
13000U		4-CHLOROANILINE
6300U		OIBENZOFURAN
6300U		2-METHYLNAPHTHALENE
5300U		2-NITROANILINE
6300U		3-NITROANILINE
6300U		4-NITROANILINE
3000JN		ATRAZINE

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\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)  
SAMPLE NO.: 87C15543 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-01 SOIL FROM SOUTH OF PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDO  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #N/A-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
5600U	UG/KG	1,3-DICHLOROBENZENE
5600U	UG/KG	1,4-DICHLOROBENZENE
5600U	UG/KG	1,2-DICHLOROBENZENE
5600U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
5600U	UG/KG	HEXA(2-CHLOROETHANE)
5600U	UG/KG	N-NITROSODI-N-PROPYLAMINE
5600U	UG/KG	NITROBENZENE
5600U	UG/KG	HEXA(2-CHLOROBUTADIENE)
5600U	UG/KG	1,2,4-TRICHLOROBENZENE
5600U	UG/KG	NAPHTHALENE
5600U	UG/KG	BIS(2-CHLORODETHOXY) METHANE
5600U	UG/KG	ISOPHORONE
5600U	UG/KG	HEXA(2-CHLOROCYCLOPENTADIENE (HCCP))
5600U	UG/KG	2-CHLORONAPHTHALENE
5600U	UG/KG	ACENAPHTHYLENE
5600U	UG/KG	ACENAPHTHENE
5600U	UG/KG	DIMETHYL PHTHALATE
5600U	UG/KG	2,4-DINITROTOLUENE
5600U	UG/KG	2,6-DINITROTOLUENE
5600U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
5600U	UG/KG	FLUORENE
5600U	UG/KG	DIETHYL PHTHALATE
5600U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
5600U	UG/KG	HEXA(2-CHLOROBENZENE (HCB))
5600U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1700J	UG/KG	PHENANTHRENE
690J	UG/KG	ANTHRACENE
5600U	UG/KG	DI-N-BUTYLEPHTHALATE
4400J	UG/KG	FLUORANTHENE
5200J	UG/KG	PYRENE
5600U	UG/KG	BENZYL BUTYL PHTHALATE
5600U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
2700J	UG/KG	BENZO(C)ANTHRACENE
4500J	UG/KG	CHRYSENE
5600U	UG/KG	3,3'-DICHLOROBENZIDINE
5600U	UG/KG	DI-N-OCTYLPHthalate
4400J	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
4300J	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
2800J	UG/KG	BENZO-A-PYRENE
5600U	UG/KG	INDENO-(1,2,3-CD) PYRENE
3200J	UG/KG	DIBENZO(A,H)ANTHRACENE
5600U	UG/KG	BENZO(GHT)PERYLENE
5600U	UG/KG	2-CHLOROPHENOL
5600U	UG/KG	2-NITROPHENOL
5600U	UG/KG	PHENOL
5600U	UG/KG	2,4-DIMETHYLPHENOL
5600U	UG/KG	2,4-DICHLOROPHENOL
5600U	UG/KG	2,4,6-TRICHLOROPHENOL
5600U	UG/KG	4-CHLORD-3-METHYLPHENOL
12000U	UG/KG	2,4-DINITROPHENOL
12000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
12000U	UG/KG	PENTACHLOROPHENOL
12000U	UG/KG	4-NITROPHENOL
27	Z	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15543 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-01 SOIL FROM SOUTH OF PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
12000U	BENZOIC ACID
5600U	2-METHYLPHENOL
5600U	4-METHYLPHENOL
5600U	2,4,5-TRICHLOROPHENOL
5600U	BENZYL ALCOHOL
12000U	4-CHLORGANILINE
5600U	DIBENZOFURAN
5600U	2-METHYLNAPHTHALENE
5600U	2-NITROANILINE
5600U	3-NITROANILINE
5600U	4-NITROANILINE
100000JN	ATRAZINE
7000JN	PROPAZINE
6000JN	CYANAZINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15544 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE DRUM AREA  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE, /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
13000U	BENZOIC ACID
6400U	2-METHYLPHENOL
5400U	4-METHYLPHENOL
6400U	2,4,5-TRICHLOROPHENOL
5400U	BENZYL ALCOHOL
13000U	4-CHLORDANILINE
6400U	DIBENZOFURAN
6400U	2-METHYLNAPHTHALENE
6400U	2-NITROANILINE
6400U	3-NITROANILINE
6400U	4-NITROANILINE
300000JN	ATRAZINE

\*\*\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15544      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE DRUM AREA  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE      #NA-NOT ANALYZED      #NAI-INTERFERENCES  
#J-ESTIMATED VALUE      #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
64000	UG/KG	1,3-DICHLOROBENZENE
64000	UG/KG	1,4-DICHLOROBENZENE
64000	UG/KG	1,2-DICHLOROBENZENE
64000	UG/KG	BIS(2-CHLOROETHYL) ETHER
54000	UG/KG	HEXA CHLOROETHANE
54000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
54000	UG/KG	N-NITROSO DI-N-PROPYLAMINE
54000	UG/KG	NITROBENZENE
54000	UG/KG	HEXA CHLOROBUTADIENE
54000	UG/KG	1,2,4-TRICHLOROBENZENE
54000	UG/KG	NAPHTHALENE
54000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
54000	UG/KG	ISOPHORONE
54000	UG/KG	HEXA CHLOROCYCLOPENTADIENE (HCCP)
54000	UG/KG	2-CHLORDINAPHTHALENE
54000	UG/KG	ACENAPHTHYLENE
54000	UG/KG	ACENAPHTHENE
54000	UG/KG	DIMETHYL PHthalate
54000	UG/KG	2,4-DINITROTOLUENE
54000	UG/KG	2,6-DINITROTOLUENE
54000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
54000	UG/KG	FLUORENE
54000	UG/KG	DIETHYL PHthalate
54000	UG/KG	N-NITROSO DI-PHENYLAMINE/DIPHENYLAMINE
54000	UG/KG	HEXA CHLOROBENZENE (HCB)
54000	UG/KG	4-BROMOPHENYL PHENYL ETHER
54000	UG/KG	PHENANTHRENE
54000	UG/KG	ANTHRACENE
54000	UG/KG	DI-N-BUTYL PHthalate
54000	UG/KG	FLUORANTHENE
54000	UG/KG	PYRENE
54000	UG/KG	BENZYL BUTYL PHthalate
54000	UG/KG	BIS(2-ETHYLHEXYL) PHthalate
54000	UG/KG	BENZO(A)ANTHRACENE
54000	UG/KG	CHRYSENE
54000	UG/KGG	3,3'-DICHLOROBENZIDINE
54000	UG/KGG	DI-N-OCTYL PHthalate
54000	UG/KGG	BENZO(B AND/OR K)FLUORANTHENE
54000	UG/KGG	BENZO(B AND/OR K)FLUORANTHENE
54000	UG/KGG	BENZO-A-PYRENE
54000	UG/KGG	INDENO (1,2,3-CD) PYRENE
54000	UG/KGG	DIBENZO(A,H)ANTHRACENE
54000	UG/KGG	BENZO(GHI)PERYLENE
54000	UG/KGG	2-CHLOROPHENOL
54000	UG/KGG	2-NITROPHENOL
54000	UG/KGG	PHENOL
54000	UG/KGG	2,4-DIMETHYLPHENOL
54000	UG/KGG	2,4-DICHLOROPHENOL
54000	UG/KGG	2,4,6-TRICHLOROPHENOL
64000	UG/KG	4-CHLORD-3-METHYLPHENOL
130000	UG/KG	2,4-DINITROPHENOL
130000	UG/KG	2-METHYL-4,6-DINITROPHENOL
130000	UG/KG	PENTACHLOROPHENOL
130000	UG/KG	4-NITROPHENOL
21	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87      EXTRACTABLE ORGANIC ANALYSIS  
                  SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15545      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-03 SOIL BONE YARD  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BGKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D CQLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*\*\*REMARKS\*\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 #A-AVERAGE VALUE      #NA-NOT ANALYZED      #NAI-INTERFERENCES  
 #J-ESTIMATED VALUE      #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
70000UJ	UG/KG	1,3-DICHLOROBENZENE
70000UJ	UG/KG	1,4-DICHLOROBENZENE
70000UJ	UG/KG	1,2-DICHLOROBENZENE
70000UJ	UG/KG	BIS(C2-CHLOROETHYL) ETHER
70000UJ	UG/KG	HEXA(2-CHLOROETHANE
70000UJ	UG/KG	BIS(C2-CHLOROISOPROPYL) ETHER
70000UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
70000UJ	UG/KG	NITROBENZENE
70000UJ	UG/KG	HEXA(2-CHLOROBUTADIENE
70000UJ	UG/KG	1,2,4-TRICHLOROBENZENE
70000UJ	UG/KG	NAPHTHALENE
70000UJ	UG/KG	BIS(C2-CHLOROETHOXY) METHANE
70000UJ	UG/KG	ISOPHORONE
70000UJ	UG/KG	HEXA(2-CHLOROCYCLOPENTADIENE (HCCP)
70000UJ	UG/KG	2-CHLORONAPHTHALENE
70000UJ	UG/KG	ACENAPHTHYLENE
70000UJ	UG/KG	ACENAPHTHENE
70000UJ	UG/KG	DIMETHYL PHTHALATE
70000UJ	UG/KG	2,4-DINITROTOLUENE
70000UJ	UG/KG	2,6-DINITROTOLUENE
70000UJ	UG/KG	4-CHLOROPHENYL PHENYL ETHER
70000UJ	UG/KG	FLUORENE
70000UJ	UG/KG	DIETHYL PHTHALATE
70000UJ	UG/KG	N-NITROSDIPHENYLAMINE/DIPHENYLAMINE
70000UJ	UG/KG	HEXA(2-CHLOROBENZENE (HCB)
70000UJ	UG/KG	4-BROMOPHENYL PHENYL ETHER
1100J	UG/KG	PHENANTHRENE
1200J	UG/KG	ANTHRACENE
70000UJ	UG/KG	DI-N-BUTYLPHTHALATE
1700J	UG/KG	FLUORANTHENE
1700J	UG/KG	PYRENE
70000UJ	UG/KG	BENZYL BUTYL PHTHALATE
70000UJ	UG/KG	BIS(C2-ETHYLHEXYL) PHTHALATE
1100J	UG/KG	BENZO(CA)ANTHRACENE
1300J	UG/KG	CHRYSENE
70000UJ	UG/KG	3,3'-DICHLOROBENZIDINE
970J	UG/KG	DI-N-OCTYL PHTHALATE
1100J	UG/KG	BENZO(CB AND/OR K)FLUORANTHENE
800J	UG/KG	BENZO(CB AND/OR K)FLUORANTHENE
70000UJ	UG/KG	BENZO-A-PYRENE
950J	UG/KG	INDENO-(1,2,3-CD) PYRENE
70000UJ	UG/KG	DI(BENZOCA,H)ANTHRACENE
70000UJ	UG/KG	BENZO(GHI)PERYLENE
70000UJ	UG/KG	2-CHLOROPHENOL
70000UJ	UG/KG	2-NITROPHENOL
70000UJ	UG/KG	PHENOL
70000UJ	UG/KG	2,4-DIMETHYLPHENOL
70000UJ	UG/KG	2,4-DICHLOROPHENOL
70000UJ	UG/KG	2,4,6-TRICHLOROPHENOL
14000UJ	UG/KG	4-CHLORD-3-METHYLPHENOL
14000UJ	UG/KG	2,4-DINITROPHENOL
14000UJ	UG/KG	2-METHYL-4,6-DINITROPHENOL
14000UJ	UG/KG	PENTACHLOROPHENOL
14000UJ	UG/KG	4-NITROPHENOL
26	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15545 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-03 SOIL BONE YARD  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE: /TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG	COMPOUND NAME
14000U	BENZOIC ACID
7000U	2-METHYLPHENOL
7000U	4-METHYLPHENOL
7000U	2,4,5-TRICHLOROPHENOL
7000U	BENZYL ALCOHOL
14000UJ	4-CHLORDANILINE
7000UJ	DIBENZOFURAN
7000UJ	2-METHYLNAPHTHALENE
7000UJ	2-NITROANILINE
7000UJ	3-NITROANILINE
7000UJ	4-NITROANILINE
1000JN	ATRAZINE
3000JN	PROPAGAZINE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15546 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-04 AREA COMPOSITE SOIL DINOSB PRODUCTION  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1540  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
6300U	UG/KG	1,3-DICHLOROBENZENE
6300U	UG/KG	1,4-DICHLOROBENZENE
6300U	UG/KG	1,2-DICHLOROBENZENE
6300U	UG/KG	BIS(2-CHLOROETHYL) ETHER
6300U	UG/KG	HEXA CHLOROETHANE
6300U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
6300U	UG/KG	N-NITROSODI-N-PROPYLAMINE
6300U	UG/KG	NITROBENZENE
6300U	UG/KG	HEXA CHLOROBUTADIENE
6300U	UG/KG	1,2,4-TRICHLOROBENZENE
6300U	UG/KG	NAPHTHALENE
6300U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
6300U	UG/KG	ISOPHORONE
6300U	UG/KG	HEXA CHLOROCYCLOPENTADIENE (HCCP)
6300U	UG/KG	2-CHLORONAPHTHALENE
6300U	UG/KG	ACENAPHTHYLENE
6300U	UG/KG	ACENAPHTHENE
6300U	UG/KG	DIMETHYL PHTHALATE
6300U	UG/KG	2,4-DINITROTOLUENE
6300U	UG/KG	2,6-DINITROTOLUENE
6300U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
6300U	UG/KG	FLUORENE
6300U	UG/KG	DIETHYL PHTHALATE
6300U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
6300U	UG/KG	HEXA CHLOROBENZENE (HCB)
1800J	UG/KG	4-BROMOPHENYL PHENYL ETHER
2000J	UG/KG	PHENANTHRENE
5300U	UG/KG	ANTHRACENE
5900J	UG/KG	DI-N-BUTYL PHTHALATE
4300J	UG/KG	FLUORANTHENE
5300U	UG/KG	PYRENE
5300U	UG/KG	BENZYL BUTYL PHTHALATE
6300U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
840J	UG/KG	BENZO(CA)ANTHRACENE
1600J	UG/KG	CHRYSENE
6300U	UG/KG	3,3'-DICHLOROBENZIDINE
6300U	UG/KG	DI-N-OCTYL PHTHALATE
1600J	UG/KG	BENZO(B) AND/OR K FLUORANTHENE
860J	UG/KG	BENZO(B) AND/OR K FLUORANTHENE
6300U	UG/KG	BENZO-A-PYRENE
6300U	UG/KG	INDENO (1,2,3-CD) PYRENE
6300U	UG/KG	DIBENZO(A,H)ANTHRACENE
6300U	UG/KG	BENZO(GHI)PERYLENE
6300U	UG/KG	2-CHLOROPHENOL
6300U	UG/KG	2-NITROPHENOL
6300U	UG/KG	PHENOL
6300U	UG/KG	2,4-DIMETHYLPHENOL
6300U	UG/KG	2,4-DICHLOROPHENOL
6300U	UG/KG	2,4,6-TRICHLOROPHENOL
13000U	UG/KG	4-CHLORD-3-METHYLPHENOL
13000U	UG/KG	2,4-DINITROPHENOL
13000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
13000U	UG/KG	PENTACHLOROPHENOL
13000U	UG/KG	4-NITROPHENOL
22	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15546 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-04 AREA COMPOSITE SOIL DINOSEB PRODUCTION  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1540  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/KG	COMPOUND NAME
13000U		BENZOIC ACID
6300U		2-METHYLPHENOL
6300U		4-METHYLPHENOL
6300U		2,4,5-TRICHLOROPHENOL
6300U		BENZYL ALCOHOL
13000U		4-CHLOROANILINE
6300U		DIBENZOFURAN
6300U		2-METHYLNAPHTHALENE
6300U		2-NITROANILINE
6300U		3-NITROANILINE
6300U		4-NITROANILINE
4000JN		ATRAZINE
1E+06JN		DINOSEB
2000JN		TETRACHLOROBIPHENYL (3 ISOMERS)
2000JN		PENTACHLOROBIPHENYL (5 ISOMERS)
2000JN		HEXACHLOROBIPHENYL (2 ISOMERS)

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15547      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-05 SOIL ADJ TO RR  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1505  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RJD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE      #NA-NOT ANALYZED      #NAI-INTERFERENCES  
#J-ESTIMATED VALUE      #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
7600U	UG/KG	1,3-DICHLOROBENZENE
7600U	UG/KG	1,4-DICHLOROBENZENE
7500U	UG/KG	1,2-DICHLOROBENZENE
7600U	UG/KG	BIS(2-CHLOROETHYL) ETHER
7600U	UG/KG	HEXACHLOROETHANE
7600U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
7600U	UG/KG	N-NITROSODI-N-PROPYLAMINE
7600U	UG/KG	NITROBENZENE
7600U	UG/KG	HEXA-CHLOROBUTADIENE
7600U	UG/KG	1,2,4-TRICHLOROBENZENE
7600U	UG/KG	NAPHTHALENE
7600U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
7600U	UG/KG	ISOPHORONE
7600U	UG/KG	HEXA-CHLOROCYCLOPENTADIENE (HCCP)
7600U	UG/KG	2-CHLORONAPHTHALENE
7600U	UG/KG	ACENAPHTHYLENE
7600U	UG/KG	ACENAPHTHENE
7600U	UG/KG	DIMETHYL PHTHALATE
7600U	UG/KG	2,4-DINITROTOLUENE
7600U	UG/KG	2,6-DINITROTOLUENE
7600U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
7600U	UG/KG	FLUORENE
7600U	UG/KG	DIETHYL PHTHALATE
7600U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
7600U	UG/KG	HEXA-CHLOROBENZENE (HCB)
7600U	UG/KG	4-BROMOPHENYL PHENYL ETHER
7600U	UG/KG	PHENANTHRENE
7600U	UG/KG	ANTHRACENE
1200J	UG/KG	DI-N-BUTYL PHTHALATE
1100J	UG/KG	FLUORANTHENE
7600U	UG/KG	PYRENE
7600U	UG/KG	BENZYL BUTYL PHTHALATE
7600U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
7600U	UG/KG	BENZO(C)ANTHRACENE
800J	UG/KG	CHRYSENE
7600U	UG/KG	3,3'-DICHLOROBENZIDINE
7600U	UG/KG	DI-N-OCTYL PHTHALATE
7600U	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
7600U	UG/KG	BENZO(C,B AND/OR K)FLUORANTHENE
7600U	UG/KG	BENZO-A-PYRENE
7600U	UG/KG	INDENO(1,2,3-CD) PYRENE
7600U	UG/KG	DIBENZO(A,I)ANTHRACENE
7600U	UG/KG	BENZO(GHI)PERYLENE
7600U	UG/KG	2-CHLOROPHENOL
7600U	UG/KG	2-NITROPHENOL
7600U	UG/KG	PHENOL
7600U	UG/KG	2,4-DIMETHYLPHENOL
7600U	UG/KG	2,4-DICHLOROPHENOL
7600U	UG/KG	2,4,6-TRICHLOROPHENOL
7600U	UG/KG	4-CHLORD-3-METHYLPHENOL
16000U	UG/KG	2,4-DINITROPHENOL
16000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
16000U	UG/KG	PENTACHLOROPHENOL
16000U	UG/KG	4-NITROPHENOL
27	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15547 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-05 SOIL ADJ TO RR  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1505  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN:	UG/KG	COMPOUND NAME
16000U			BENZOIC ACID
7600U			2-METHYLPHENOL
7600U			4-METHYLPHENOL
7600U			2,4,5-TRICHLOROPHENOL
7600U			BENZYL ALCOHOL
16000U			4-CHLORDANILINE
7600U			DIBENZOFURAN
7600U			2-METHYLNAPHTHALENE
7600U			2-NITROANILINE
7600U			3-NITROANILINE
7600U			4-NITROANILINE
30000JN			DINOSEB
20000JN			TRIETHYLHEXYL>PHOSPHATE

\*\*\*\*\*FOOTNOTES\*\*\*  
#A-AVERAGE VALUE #NA-NOT ANALYZED #NAI-INTERFERENCES  
#J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
#K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
#L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
#U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87

EXTRACTABLE ORGANIC ANALYSIS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: DGR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      DATA VERIFIED BY: TBS

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*  
 #A-AVERAGE VALUE      #NA-NOT ANALYZED      #NAI-INTERFERENCES  
 #E-ESTIMATED VALUE      #NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
56000	UG/KG	1,3-DICHLOROBENZENE
56000	UG/KG	1,4-DICHLOROBENZENE
56000	UG/KG	1,2-DICHLOROBENZENE
56000	UG/KG	BIS(2-CHLOROETHYL) ETHER
56000	UG/KG	HEXA(2-CHLOROETHANE
56000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
56000	UG/KG	N-NITROSODI-N-PROPYLAMINE
56000	UG/KG	NITROBENZENE
56000	UG/KG	HEXA(2-CHLOROBUTADIENE
56000	UG/KG	1,2,4-TRICHLOROBENZENE
56000	UG/KG	NAPHTHALENE
56000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
56000	UG/KG	ISOPHORONE
56000	UG/KG	HEXA(2-CHLOROCYCLOPENTADIENE (HCCP)
56000	UG/KG	2-CHLORONAPHTHALENE
56000	UG/KG	ACENAPHTHYLENE
56000	UG/KG	ACENAPHTHENE
56000	UG/KG	DIMETHYL PHTHALATE
56000	UG/KG	2,4-DINITROTOLUENE
56000	UG/KG	2,6-DINITROTOLUENE
56000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
56000	UG/KG	FLUORENE
56000	UG/KG	DIETHYL PHTHALATE
56000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
56000	UG/KG	HEXA(2-CHLOROBENZENE (HCB)
56000	UG/KG	4-BROMOPHENYL PHENYL ETHER
56000	UG/KG	PHENANTHRENE
56000	UG/KG	ANTHRACENE
56000	UG/KG	DI-N-BUTYL PHTHALATE
56000	UG/KG	FLUORANTHENE
56000	UG/KG	PYRENE
56000	UG/KG	BENZYL BUTYL PHTHALATE
56000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
56000	UG/KG	BENZO(A)ANTHRACENE
55000	UG/KG	CHRYSENE
56000	UG/KG	3,3'-DICHLOROBENZIDINE
56000	UG/KG	DI-N-OCTYL PHTHALATE
56000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
56000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
56000	UG/KG	BENZO-A-PYRENE
56000	UG/KG	INDENO (1,2,3-CD) PYRENE
56000	UG/KG	OIBENZO(A;4)ANTHRACENE
56000	UG/KG	BENZO(GHI)PERYLENE
56000	UG/KG	2-CHLOROPHENOL
56000	UG/KG	2-NITROPHENOL
56000	UG/KG	PHENOL
56000	UG/KG	2,4-DIMETHYLPHENOL
56000	UG/KG	2,4-DICHLOROPHENOL
56000	UG/KG	2,4,6-TRICHLOROPHENOL
56000	UG/KG	4-CHLORO-3-METHYLPHENOL
120000	UG/KG	2,4-DINITROPHENOL
120000	UG/KG	2-METHYL-4,6-DINITROPHENOL
120000	UG/KG	PENTACHLOROPHENOL
120000	UG/KG	4-NITROPHENOL
28	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/03/87 EXTRACTABLE ORGANIC ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548 SAMPLE TYPE: SOIL

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	IN: UG/KG	COMPOUND NAME
12000U		BENZOIC ACID
5600U		2-METHYLPHENOL
5600U		4-METHYLPHENOL
5600U		2,4,5-TRICHLOROPHENOL
5600U		SENZYL ALCOHOL
12000U		4-CHLOROANILINE
5600U		DIBENZOFURAN
5600U		2-METHYLNAPHTHALENE
5600U		2-NITROANILINE
5600U		3-NITROANILINE
5600U		4-NITROANILINE

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESC, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15523 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-1S UNNAMED TRIB TO STOUT BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0930

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
33U	UG/KG	ALDRIM
33U	UG/KG	HEPTACHLOR
33U	UG/KG	HEPTACHLOR EPICXIDE
33U	UG/KG	ALPHA-BHC
33U	UG/KG	BETA-BHC
33U	UG/KG	GAMMA-BHC (LINDANE)
33U	UG/KG	DELTA-BHC
40U	UG/KG	ENDOSULFAN I (ALPHA)
40U	UG/KG	DIELDRIN
63U	UG/KG	4,4'-DDT (P,P'-DDT)
40U	UG/KG	4,4'-DDE (P,P'-DDE)
63U	UG/KG	4,4'-DDD (P,P'-DDD)
40U	UG/KG	ENDRIN
40U	UG/KG	ENDOSULFAN II (BETA)
63U	UG/KG	ENDOSULFAN SULFATE
360U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
360U	UG/KG	PCB-1242 (CAROCLOR 1262)
360U	UG/KG	PCB-1254 (CAROCLOR 1254)
360U	UG/KG	PCB-1221 (CAROCLOR 1221)
360U	UG/KG	PCB-1232 (CAROCLOR 1232)
360U	UG/KG	PCB-1248 (CAROCLOR 1248)
360U	UG/KG	PCB-1260 (CAROCLOR 1260)
360U	UG/KG	PCB-1016 (CAROCLOR 1016)
--	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLCR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
130U	UG/KG	METHOXYCHLOR
63U	UG/KG	ENDRIN KETONE
29	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*\*NAI-INTERFERENCES
- \*EJ-ESTIMATED VALUE    \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15525 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-2S DOWNSTREAM TRIB TO STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1140

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
34U	UG/KG	ALDRIN
34U	UG/KG	HEPTACHLOR
120U	UG/KG	HEPTACHLOR EPOXIDE
38U	UG/KG	ALPHA-BHC
38U	UG/KG	BETA-BHC
38U	UG/KG	GAMMA-BHC (LINDANE)
34U	UG/KG	DELTA-BHC
92U	UG/KG	ENDOSULFAN I (ALPHA)
92U	UG/KG	DIELDRIN
400U	UG/KG	4,4'-DDT (P,P'-DDT)
92U	UG/KG	4,4'-DDE (P,P'-DDE)
400U	UG/KG	4,4'-DDD (P,P'-DDD)
400U	UG/KG	ENDRIN
92U	UG/KG	ENDOSULFAN II (PETA)
400U	UG/KG	ENDOSULFAN SULFATE
660U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
660U	UG/KG	PCB-1242 (AROCLOL 1242)
3700	UG/KG	PCB-1254 (AROCLOL 1254)
660U	UG/KG	PCB-1221 (AROCLOL 1221)
660U	UG/KG	PCB-1232 (AROCLOL 1232)
660U	UG/KG	PCB-1248 (AROCLOL 1248)
4600U	UG/KG	PCB-1260 (AROCLOL 1260)
660U	UG/KG	PCB-1016 (AROCLOL 1016)
4500U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
260U	UG/KG	METHOXICHLOR
120U	UG/KG	ENDRIN KETONE
37	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
 \*E-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15529 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: A-3S LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
10U	UG/KG	ALDRIN
10U	UG/KG	HEPTACHLOR
35U	UG/KG	HEPTACHLOR EPOXIDE
35U	UG/KG	ALPHA-BHC
35U	UG/KG	BETA-BHC
35U	UG/KG	GAMMA-BHC (LINDANE)
35U	UG/KG	DELTA-BHC
35U	UG/KG	ENDOSULFAN I (ALPHA)
35U	UG/KG	DIELDRIN
35U	UG/KG	4,4'-DDT (P,P'-DDT)
35U	UG/KG	4,4'-DDE (P,P'-DCE)
35U	UG/KG	4,4'-DDD (P,P'-DDD)
100U	UG/KG	ENDRIN
35U	UG/KG	ENDOSULFAN II (BETA)
35U	UG/KG	ENDOSULFAN SULFATE
210U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
780U	UG/KG	PCB-1242 (CAROCLOR 1242)
980U	UG/KG	PCB-1254 (CAROCLOR 1254)
780U	UG/KG	PCB-1221 (CAROCLOR 1221)
780U	UG/KG	PCB-1232 (CAROCLOR 1232)
780U	UG/KG	PCB-1248 (CAROCLOR 1248)
470U	UG/KG	PCB-1260 (CAROCLOR 1260)
780U	UG/KG	PCB-1016 (CAROCLOR 1016)
2400U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
83U	UG/KG	METHOXICHLOR
34U	UG/KG	ENDRIN KETONE
22	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15527 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-1S UPSTREAM STOUT BAYOU  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1445

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
120U	UG/KG	ALDRIN
120U	UG/KG	HEPTACHLOR
120U	UG/KG	HEPTACHLOR EPOXIDE
120U	UG/KG	ALPHA-BHC
120U	UG/KG	BETA-BHC
120U	UG/KG	GAMMA-BHC (LINDANE)
120U	UG/KG	DELTA-BHC
200U	UG/KG	ENDOSULFAN I (ALPHA)
200U	UG/KG	DIELDRIN
320U	UG/KG	4,4'-DDT (P,P'-DDT)
200U	UG/KG	4,4'-DDE (P,P'-DDE)
320U	UG/KG	4,4'-DDD (P,P'-DDD)
320U	UG/KG	ENERIN
200U	UG/KG	ENDOSULFAN II (BETA)
320U	UG/KG	ENDOSULFAN SULFATE
1800U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
1900U	UG/KG	PCB-1242 (AROCCLOR 1242)
4500U	UG/KG	PCB-1254 (AROCCLOR 1254)
1900U	UG/KG	PCB-1221 (AROCCLOR 1221)
1900U	UG/KG	PCB-1232 (AROCCLOR 1232)
1900U	UG/KG	PCB-1248 (AROCCLOR 1248)
4500U	UG/KG	PCB-1260 (AROCCLOR 1260)
1900U	UG/KG	PCB-1016 (AROCCLOR 1016)
13000U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
660U	UG/KG	METHOXICHLOR
320U	UG/KG	ENDRIN KETONE
22	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*\*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15533 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-2S STOUT BAYOU DOWNSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: O COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
16U	UG/KG	ALDRIN
16U	UG/KG	HEPTACHLOR
16U	UG/KG	HEPTACHLOR EPOXIDE
16U	UG/KG	ALPHA-BHC
16U	UG/KG	BETA-BHC
16U	UG/KG	GAMMA-BHC (LINDANE)
16U	UG/KG	DELTA-BHC
20U	UG/KG	ENDOSULFAN I (ALPHA)
32U	UG/KG	DIELDRIN
32U	UG/KG	4,4'-DDT (P,P'-DDT)
32U	UG/KG	4,4'-DDE (P,P'-DDE)
32U	UG/KG	4,4'-DDD (P,P'-DDD)
32U	UG/KG	ENDRIN
20U	UG/KG	ENDOSULFAN II (BETA)
32U	UG/KG	ENDOSULFAN SULFATE
180U	UG/KG	CHLORDANE (TECH. MIXTURED) /1
190U	UG/KG	PCB-1242 (CARCCLOR 1242)
450U	UG/KG	PCB-1254 (CARCCLOR 1254)
190U	UG/KG	PCB-1221 (CARCCLOR 1221)
190U	UG/KG	PCB-1232 (CARCCLOR 1232)
190U	UG/KG	PCB-1248 (CARCCLOR 1248)
450U	UG/KG	PCB-1260 (CAROCLOR 1260)
190U	UG/KG	PCB-1015 (CARCCLOR 1015)
1300U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
66U	UG/KG	METHOXICHLOR
32U	UG/KG	ENDRIN KETONE
24	%	MOISTURE

\*\*\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*N-A NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL HAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD/REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15531 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-ZS HATCHER BAYOU UPSTREAM  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 0840  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
12U	UG/KG	ALDRIN
12U	UG/KG	HEPTACHLOR
12U	UG/KG	HEPTACHLOR EPOXIDE
12U	UG/KG	ALPHA-BHC
12U	UG/KG	BETA-BHC
12U	UG/KG	GAMMA-BHC (LINDANE)
12U	UG/KG	DELTA-BHC
20U	UG/KG	ENDOSULFAN I (ALPHA)
20U	UG/KG	DIELDRIN
32U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	4,4'-DDE (P,P'-DDE)
20U	UG/KG	4,4'-DDD (P,P'-DDD)
32U	UG/KG	ENDRIN
20U	UG/KG	ENDOSULFAN II (BETA)
32U	UG/KG	ENDOSULFAN SULFATE
180U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
190U	UG/KG	PCB-1242 (CAROCLOR 1242)
450U	UG/KG	PCB-1254 (CAROCLOR 1254)
190U	UG/KG	PCB-1221 (CAROCLOR 1221)
190U	UG/KG	PCB-1232 (CAROCLOR 1232)
190U	UG/KG	PCB-1248 (CAROCLOR 1248)
450U	UG/KG	PCB-1260 (CAROCLOR 1260)
190U	UG/KG	PCB-1016 (CAROCLOR 1016)
1300U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
66U	UG/KG	METHOXYSYLPHENYL
32U	UG/KG	ENDRIN KETONE
24	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE    \*NA-NOT ANALYZED    \*N/A-INTERFERENCES
  - \*J-ESTIMATED VALUE    \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
  - \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
  - \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15550 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: DS HENNESSEYS-BAYOU DOWNSTREAM FROM ALL STREAMS  
STORET STATION NC:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1530

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
17U	UG/KG	ALDRIN
17U	UG/KG	HEPTACHLOR
17U	UG/KG	HEPTACHLOR EPOXIDE
17U	UG/KG	ALPHA-BHC
17U	UG/KG	BETA-BHC
17U	UG/KG	GAMMA-BHC (LINDANE)
17U	UG/KG	DELTA-BHC
30U	UG/KG	ENDOSULFAN I (ALPHA)
30U	UG/KG	DIELDRIN
39U	UG/KG	4,4'-DDT (P,P'-DDT)
30U	UG/KG	4,4'-DDE (P,P'-DCE)
39U	UG/KG	4,4'-DDD (P,P'-DDO)
39U	UG/KG	ENDRIN
30U	UG/KG	ENDOSULFAN II (BETA)
39U	UG/KG	ENDOSULFAN SULFATE
220U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
230U	UG/KG	PCB-1242 (AROCLOL 1242)
550U	UG/KG	PCB-1254 (AROCLOL 1254)
230U	UG/KG	PCB-1221 (AROCLOL 1221)
230U	UG/KG	PCB-1232 (AROCLOL 1232)
230U	UG/KG	PCB-1248 (AROCLOL 1248)
550U	UG/KG	PCB-1250 (AROCLOL 1250)
230U	UG/KG	PCB-1016 (AROCLOL 1016)
--	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLCR /2
--	UG/KG	ALPHA-CHLORCANE /2
--	UG/KG	CIS-NONACHLOR /2
80U	UG/KG	METHOXICHLOR
39U	UG/KG	ENDRIN KETONE
32	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*

- #A-AVERAGE VALUE
- #NA-NOT ANALYZED
- #NAI-INTERFERENCES
- #E-ESTIMATED VALUE
- #P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15535 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: E-15 DOWNSTREAM FROM PLANT TRIB THRUH PLANT  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1245

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES  
CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
300U	UG/KG	ALDRIN
300U	UG/KG	HEPTACHLOR
300U	UG/KG	HEPTACHLOR EPOXIDE
300U	UG/KG	ALPHA-BHC
300U	UG/KG	BETA-BHC
300U	UG/KG	GAMMA-BHC (LINDANE)
300U	UG/KG	DELTA-BHC
610U	UG/KG	ENDOSULFAN I (ALPHA)
610U	UG/KG	DIELDRIN
230U	UG/KG	4,4'-DDT (P,P'-DDT)
610U	UG/KG	4,4'-DDE (P,P'-DDE)
790U	UG/KG	4,4'-DDD (P,P'-DDD)
790U	UG/KG	ENDRIN
610U	UG/KG	ENDOSULFAN II (BETA)
790U	UG/KG	ENDOSULFAN SULFATE
3300U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
3200U	UG/KG	PCB-1242 (AROCCLOR 1242)
7400	UG/KG	PCB-1254 (AROCCLOR 1254)
3200U	UG/KG	PCB-1221 (AROCCLOR 1221)
3200U	UG/KG	PCB-1232 (AROCCLOR 1232)
3200U	UG/KG	PCB-1248 (AROCCLOR 1248)
930U	UG/KG	PCB-1260 (AROCCLOR 1260)
3200U	UG/KG	PCB-1016 (AROCCLOR 1016)
56000	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
760U	UG/KG	METHOXYSCHLOR
25	%	ENDRIN KETONE
		MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

- \*A-AVERAGE VALUE      #NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*E-ESTIMATED VALUE      #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
- 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REC-TV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*  
RESULTS IN: ug/kg COMPOUND NAME  
970C ATRAZINE\

04/28/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87015525 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.C.: E-15 DOWNSTREAM FROM PLANT TRIP THROUGH PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1245

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: S DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0225 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1650 BY PDC  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TEE

REMARKS  
C-CONFIRMED BY GC/MS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE ANA-NOT ANALYZED QNAT-INTERFERENCES  
\*EJ-ESTIMATED VALUE PN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCP'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15543 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-01 SOIL FROM SOUTH OF PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00  
COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
27U	UG/KG	ALDRIN
8.3U	UG/KG	HEPTACHLOR
38	UG/KG	HEPTACHLOR EPOXIDE
66	UG/KG	ALPHA-BHC
27U	UG/KG	BETA-BHC
27U	UG/KG	GAMMA-BHC (LINDANE)
27U	UG/KG	DELTA-BHC
99U	UG/KG	ENDOSULFAN I (ALPHA)
99U	UG/KG	DIELCRIN
62U	UG/KG	4,4'-DDT (P,P'-DDT)
99U	UG/KG	4,4'-DDE (P,P'-DCE)
62U	UG/KG	4,4'-DDD (P,P'-DCD)
170U	UG/KG	ENDRIN
99U	UG/KG	ENDOSULFAN II (BETA)
62U	UG/KG	ENDOSULFAN SULFATE
520U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
450U	UG/KG	PCB-1242 (CAROCLOR 1242)
670U	UG/KG	PCB-1254 (CAROCLOR 1254)
450U	UG/KG	PCB-1221 (CAROCLOR 1221)
450U	UG/KG	PCB-1232 (CAROCLOR 1232)
450U	UG/KG	PCB-1248 (CAROCLOR 1248)
670U	UG/KG	PCB-1260 (CAROCLOR 1260)
450U	UG/KG	PCB-1016 (CAROCLOR 1016)
670U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
120U	UG/KG	METHOXICHLOR
62U	UG/KG	ENDRIN KETONE
27	%	MOISTURE

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*N-NOT ANALYZED \*NAI-INTERFERENCES  
\*\*J-ESTIMATED VALUE \*\*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.

1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15544 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE DRUM AREA  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT

SEALED: YES  
CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
20U	UG/KG	ALDRIN
30U	UG/KG	HEPTACHLOR
100U	UG/KG	ALPHA-BHC
30U	UG/KG	BETA-BHC
30U	UG/KG	GAMMA-BHC (LINDANE)
30U	UG/KG	DELTA-BHC
100U	UG/KG	ENDOSULFAN I (ALPHA)
100U	UG/KG	DIELDRIN
98U	UG/KG	4,4'-DDT (P,P'-DDT)
100U	UG/KG	4,4'-ODE (P,P'-OCE)
98U	UG/KG	4,4'-DDD (P,P'-DDD)
98U	UG/KG	ENDRIN
100U	UG/KG	ENDOSULFAN II (BETA)
98U	UG/KG	ENDOSULFAN SULFATE
190U	UG/KG	CHLORCAINE (TECH. MIXTURE) /1
190U	UG/KG	PCB-1242 (AROCCLOR 1242)
460U	UG/KG	PCB-1254 (AROCCLOR 1254)
190U	UG/KG	PCB-1221 (AROCCLOR 1221)
190U	UG/KG	PCB-1232 (AROCCLOR 1232)
190U	UG/KG	PCB-1248 (AROCCLOR 1248)
460U	UG/KG	PCB-1260 (AROCCLOR 1260)
190U	UG/KG	PCB-1016 (AROCCLOR 1016)
3700	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
67U	UG/KG	METHOXYCHLOR
110U	UG/KG	ENDRIN KETONE
36	%	MOISTURE

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES
- \*E-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
- 1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
- 2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-EST, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME  
50000C ATRAZINE  
240 CYANAZINE

04/28/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SCIL/SLUDGE(DRY WT)

SAMPLE NO.: 67015544 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE DRUM AREA  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B DICKIE RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0225 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/23/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBS

REMARKS:  
C-CONFIRMED BY GC/MS

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\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NL-INTERFERENCES  
\*E-ESTIMATED VALUE      \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*D-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15545 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CG-03 SOIL BONE YARD  
STORET STATION NC:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
24U	UG/KG	ALDRIN
24U	UG/KG	HEPTACHLOR
24U	UG/KG	HEPTACHLOR EPOXIDE
170	UG/KG	ALPHA-BHC
24U	UG/KG	BETA-BHC
24U	UG/KG	GAMMA-BHC (LINDANE)
24U	UG/KG	DELTA-BHC
48U	UG/KG	ENDOSULFAN I (ALPHA)
48U	UG/KG	DIELDRIN
180U	UG/KG	4,4'-DDT (P,P'-DDT)
48U	UG/KG	4,4'-DDE (P,P'-DDE)
62U	UG/KG	4,4'-DDD (P,P'-DDD)
180U	UG/KG	ENDRIN
48U	UG/KG	ENDOSULFAN II (BETA)
180U	UG/KG	ENDOSULFAN SULFATE
260U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
250U	UG/KG	PCB-1242 (CAROCLOR 1242)
710	UG/KG	PCB-1254 (CAROCLOR 1254)
250U	UG/KG	PCB-1221 (CAROCLOR 1221)
250U	UG/KG	PCB-1232 (CAROCLOR 1232)
250U	UG/KG	PCB-1248 (CAROCLOR 1248)
650U	UG/KG	PCB-1260 (CAROCLOR 1260)
250U	UG/KG	PCB-1016 (CAROCLOR 1016)
--	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLCR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
60U	UG/KG	METHOXYPHENOL
26	%	ENDRIN KETONE MOISTURE

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAT-INTERFERENCES  
\*E-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SIMPLE AND ANALYSTS MANAGEMENT SYSTEM  
EPA-ESD, PFG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME  
364000 ATRAZINE  
30J CYANAZINE

04/28/87 PESTICIDES/PCPS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEIMENT/SCILY/SLUDGE(ERY WT)

SAMPLE ID.: E7C15E45 SAMPLE TYPE: SCIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CESAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: C-03 SCIL BONE YARD  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510

SAMPLE COLLECTION: STCF DATE/TIME 00/00/00

COLLECTED BY: E POKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D COQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RCD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: TBB

REMARKS: C-CONFIRMED BY GC/MS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAT-INTERFERENCES  
\*E-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15546 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CG-04 AREA COMPOSITE SOIL DINOSEB PRODUCTION  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1540  
SAMPLE COLLECTION: STCP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

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\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*J-ESTIMATED VALUE \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
2900U	UG/KG	ALDRIN
4800U	UG/KG	HEPTACHLOR
2900U	UG/KG	HEPTACHLOR EPCXIDE
2300U	UG/KG	ALPHA-BHC
2900U	UG/KG	BETA-BHC
2300U	UG/KG	GAMMA-BHC (LINDANE)
2900U	UG/KG	DELTA-BHC
8500U	UG/KG	ENDOSULFAN I (ALPHA)
8500U	UG/KG	DIELDRIN
1700U	UG/KG	4,4'-DDT (P,P'-DDT)
8500U	UG/KG	4,4'-DDE (P,P'-DCE)
1700U	UG/KG	4,4'-DDD (P,P'-DCD)
1700U	UG/KG	ENDRIN
1700U	UG/KG	ENDOSULFAN II (BETA)
1700U	UG/KG	ENDOSULFAN SULFATE
2800U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
66000U	UG/KG	PCB-1242 (CAROCLOR 1242)
100000U	UG/KG	PCB-1254 (CAROCLOR 1254)
66000U	UG/KG	PCB-1221 (CAROCLOR 1221)
66000U	UG/KG	PCB-1232 (CAROCLOR 1232)
66000U	UG/KG	PCB-1248 (CAROCLOR 1248)
100000U	UG/KG	PCB-1260 (CAROCLOR 1260)
55000U	UG/KG	PCB-1016 (CAROCLOR 1016)
43000U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
1500U	UG/KG	METHOXYCHLOR
1000U	UG/KG	ENDRIN KETONE
26	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, EGG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg COMPOUND NAME  
40000 ATRAZINE  
540,000 DINOSEB

04/28/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SoIL/SLUDGE(DRY WTD)

SAMPLE NO.: 87C15545 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-04 AREA COMPOSITE SOIL DINOSEB PRODUCTION  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/18/87 1540

SAMPLE COLLECTION: STOP DATE/TIME 03/08/00

COLLECTED BY: S. ECKEY RECEIVED FROM: LOCKED C. ROCKY  
SAMPLED REC'D: DATE/TIME 03/23/87 0825 REC'D BY: C. ELLIOTT  
SEALED: YES

CHEMIST:

ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TRB

REMARKS

C-CONFIRMED BY GC/MS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      N/A-NOT ANALYZED      NAI-INTERFERENCES  
\*E-ESTIMATED VALUE      PNA-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*U-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15547 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-05 SOIL ADJ TO RR  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1505

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
380U	UG/KG	ALDRIN
380U	UG/KG	HEPTACHLOR
380U	UG/KG	HEPTACHLOR EPOXIDE
53U	UG/KG	ALPHA-BHC
63U	UG/KG	BETA-BHC
63U	UG/KG	GAMMA-BHC (LINDANE)
63U	UG/KG	DELTA-BHC
390U	UG/KG	ENDOSULFAN I (ALPHA)
390U	UG/KG	DIELDRIN
330U	UG/KG	4,4'-DDT (P,P'-DDT)
390U	UG/KG	4,4'-DDE (P,P'-DDE)
330U	UG/KG	4,4'-DDD (P,P'-DDD)
330U	UG/KG	ENDRIN
330U	UG/KG	ENDOSULFAN II (BETA)
330U	UG/KG	ENDOSULFAN SULFATE
1900U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
1500U	UG/KG	PCB-1242 (CAROCLOR 1242)
2800U	UG/KG	PCB-1254 (CAROCLOR 1254)
1500U	UG/KG	PCB-1221 (CAROCLOR 1221)
1500U	UG/KG	PCB-1232 (CAROCLOR 1232)
1500U	UG/KG	PCB-1248 (CAROCLOR 1248)
2800U	UG/KG	PCB-1260 (CAROCLOR 1260)
1500U	UG/KG	PCB-1016 (CAROCLOR 1016)
47000	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
600U	UG/KG	METHOXYCHLOR
480U	UG/KG	ENDRIN KETONE
27	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 #A-AVERAGE VALUE #NA-NOT ANALYZED #NI-INTERFERENCES  
 #J-ESTIMATED VALUE #N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 #K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 #U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM QUANTITATION LIMIT.  
 1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: UG/KG COMPOUND NAME  
32J ATRAZINE  
12000C DINOSER

04/26/87 PESTICIDES/PCBS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15547 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-05 SOIL ADJ TO RR  
STREETS STATION NC:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1505  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B COKEY RECEIVED FROM: LOCKED C, ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0025 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1550 BY RCC  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: TPS

MORE REMARKS  
C-CONFIRMED BY GC/MS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE      \*B-NOT ANALYZED      \*C-INTERFERENCES  
\*D-ESTIMATED VALUE      \*E-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*F-K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*G-L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*H-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

04/10/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CC-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STOREY STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: JAR  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY RDD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

\*\*\*REMARKS\*\*\*

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	COMPOUND
16U	UG/KG	ALDRIN
16U	UG/KG	HEPTACHLOR
16U	UG/KG	HEPTACHLOR EPOXIDE
16U	UG/KG	ALPHA-BHC
16U	UG/KG	BETA-BHC
16U	UG/KG	GAMMA-BHC (LINDANE)
16U	UG/KG	DELTA-BHC
26U	UG/KG	ENDOSULFAN I (ALPHA)
26U	UG/KG	DIELDRIN
59U	UG/KG	4,4'-DDT (P,P'-DDT)
26U	UG/KG	4,4'-DDE (P,P'-DDE)
59U	UG/KG	4,4'-DDD (P,P'-DDD)
59U	UG/KG	ENDRIN
26U	UG/KG	ENDOSULFAN II (BETA)
59U	UG/KG	ENDOSULFAN SULFATE
220U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
200U	UG/KG	PCB-1242 (AROCLOL 1242)
200	UG/KG	PCB-1254 (AROCLOL 1254)
200U	UG/KG	PCB-1221 (AROCLOL 1221)
200U	UG/KG	PCB-1232 (AROCLOL 1232)
200U	UG/KG	PCB-1248 (AROCLOL 1248)
490U	UG/KG	PCB-1260 (AROCLOL 1260)
200U	UG/KG	PCB-1016 (AROCLOL 1016)
--	UG/KG	TOXA-PHENONE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
71U	UG/KG	METHOXYPHOL
59U	UG/KG	ENDRIN KETONE
28	%	MOISTURE

\*\*\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
\*E-ESTIMATED VALUE \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*L-LACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*D-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM QUANTITATION LIMIT.  
1: WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.  
2: CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
ECA-TSO, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS IN: ug/kg COMPOUND NAME  
25J ATRAZINE

04/28/87 PESTICIDES/PCFS ANALYSIS, MISC  
DATA REPORTING SHEET  
SEDIMENT/SCIL/SLUDGE(DRY WT)

SAMPLE NO.: 87015546 SAMPLE TYPE: SOIL

PROJECT NO.: 87-171 PROGRAM ELEMENTS: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: CG-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630  
SAMPLE COLLECTION: STOP DATE/TIME 02/20/87

COLLECTED BY: B. DOKEY RECEIVED FROM: LOCKER ROOM  
SAMPLE RECEIVED DATE/TIME 02/23/87 0827 REC'D BY: D. COLESWELL  
SEALED: YES

CHEMIST:  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1930 BY ROD  
REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: TBB

NO REMARKS

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAT-INTERFERENCES  
\*E-ESTIMATED VALUE \*NP-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WI)

SAMPLE NO.: 87C15523      SAMPLE TYPE: SEDIM

PROJECT NO: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: A-1S UNNAMED TRIB TO STOUT RAYOU UPSTREAM  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 0930  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
6U	MG/KG	ARSENIC
NA	MG/KG	BORON
120	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
NA	MG/KG	CADMIUM
4U	MG/KG	COBALT
13	MG/KG	CHROMIUM
11	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
11	MG/KG	NICKEL
14	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
33	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
250	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
21	MG/KG	VANADIUM
9.8	MG/KG	YTTRIUM
66	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.0511	MG/KG	MERCURY
7400	MG/KG	ALUMINUM
420	MG/KG	MANGANESE
23000	MG/KG	CALCIUM
8100	MG/KG	MAGNESIUM
12000	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
28	%	MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*NL=INTERFERENCES  
 \*J=ESTIMATED VALUE      \*H=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESU REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15525      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG

STATE: MS

STATION I.D.: A-2S DOWNSTREAM TRIB TO STOUT BAYOU  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1140

SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0925      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
9.2	MG/KG	ARSENIC
NA	MG/KG	BORON
260	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
NA	MG/KG	COBALT
22	MG/KG	CHROMIUM
18	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
21	MG/KG	NICKEL
20	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
24	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
220	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
30	MG/KG	VANADIUM
13	MG/KG	YTRIUM
78	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.12	MG/KG	MERCURY
11000	MG/KG	ALUMINUM
980	MG/KG	MANGANESE
11000	MG/KG	CALCIUM
4400	MG/KG	MAGNESIUM
18000	MG/KG	IRON
290	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
31	%	MOISTURE

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE      \*H=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15529      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: A-35 LEFT FORK UNNAMED TRIB  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLOQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
9U	MG/KG	ARSENIC
NA	MG/KG	BORON
220	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
NA	MG/KG	COBALT
97	MG/KG	CHROMIUM
11	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
14	MG/KG	NICKEL
13	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
84	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
150	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
20	MG/KG	VANADIUM
98 <sup>1</sup>	MG/KG	YTTRIUM
35	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
4500	MG/KG	ALUMINUM
890	MG/KG	MANGANESE
53000	MG/KG	CALCIUM
8000	MG/KG	MAGNESIUM
13000	MG/KG	IRON
490	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
21	%	MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*NAI-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15527 SAMPLE TYPE: SEDIM.

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MS

STATION I.D.: B-18 UPSTREAM STOUT BAYOU  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/18/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

*****ANALYTICAL RESULTS*****			
RESULTS	UNITS	ELEMENT	
2U	MG/KG	SILVER	
6U	MG/KG	ARSENIC	
NA	MG/KG	BURON	
120	MG/KG	PARIUM	
2U	MG/KG	BERYLLIUM	
NA	MG/KG	CADMIUM	
17	MG/KG	COBALT	
8.0	MG/KG	CHROMIUM	
40	MG/KG	COPPER	
9.4	MG/KG	MOLYBDENUM	
45	MG/KG	NICKEL	
	MG/KG	LEAD	
6U	MG/KG	ANTIMONY	
8U	MG/KG	SELENIUM	
200U	MG/KG	TIN	
51	MG/KG	STRONTIUM	
8U	MG/KG	TELLURIUM	
160	MG/KG	TITANIUM	
NA	MG/KG	THALLIUM	
16	MG/KG	VANADIUM	
11	MG/KG	YTTRIUM	
51	MG/KG	ZINC	
NA	MG/KG	ZIRCONIUM	
0.05U	MG/KG	MERCURY	
5500	MG/KG	ALUMINUM	
7100	MG/KG	MANGANESE	
42000	MG/KG	CALCIUM	
4600	MG/KG	MAGNESIUM	
11000	MG/KG	IRON	
200U	MG/KG	SODIUM	
NA	MG/KG	POTASSIUM	
19	%	MOISTURE	

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE \*H=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY Wt)

SAMPLE NO.: 87C15533      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: 8-26 STOUT BAYOU DOWNSTREAM  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1110  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE RECEIVED DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
20	MG/KG	SILVER
60	MG/KG	ARSENIC
NA	MG/KG	BORON
130	MG/KG	BARIUM
20	MG/KG	BERYLLIUM
20	MG/KG	CADMIUM
NA	MG/KG	COBALT
14	MG/KG	CHROMIUM
12	MG/KG	COPPER
40	MG/KG	MOLYBDENUM
13	MG/KG	NICKEL
21	MG/KG	LEAD
60	MG/KG	ANTIMONY
80	MG/KG	SELENIUM
200	MG/KG	TIN
28	MG/KG	STRONTIUM
80	MG/KG	TELLURIUM
280	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
25	MG/KG	VANADIUM
11	MG/KG	YTTRIUM
62	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.050	MG/KG	MERCURY
8400	MG/KG	ALUMINUM
740	MG/KG	MANGANESE
24000	MG/KG	CALCIUM
8600	MG/KG	MAGNESIUM
15000	MG/KG	IRON
2000	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
34	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES
- \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
- \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15531      SAMPLE TYPE: SEDIM.

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: C-2S HATCHER BAYOU UPSTREAM

STORED STATION NO.:  
SAMPLE COLLECTION: START DATE/TIME 02/19/87 0840  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0425      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
6.0	MG/KG	ARSENIC
NA	MG/KG	BORON
62	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
NA	MG/KG	CUBALT
12	MG/KG	CHROMIUM
6.6	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
7.0	MG/KG	NICKEL
11	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
19	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
65	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
22	MG/KG	VANADIUM
9.2	MG/KG	YTTRIUM
18	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
13000	MG/KG	ALUMINUM
490	MG/KG	MANGANESE
6200	MG/KG	CALCIUM
2500	MG/KG	MAGNESIUM
14000	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
23	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
\*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESQ REG IV  
ATHENS GEORGIA

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15550      SAMPLE TYPE: SEDIM

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG PS-1      STATE: MS

STATION I.D.: DS-HENNESSEYS BAYOU DOWNSTREAM FROM ALL STREAMS  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1530  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS      RECEIVED FROM: LOCKED CA ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0925 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAN  
ANALYTICAL METHOD:

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
6.9	MG/KG	ARSENIC
NA	MG/KG	BORON
170	MG/KG	BARIUM
2U	MG/KG	BERILLIUM
2U	MG/KG	CADMIUM
NA	MG/KG	COBALT
17	MG/KG	CHROMIUM
11	MG/KG	COPPER
40	MG/KG	MOLIBDENUM
16	MG/KG	NICKEL
15	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
29	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
180	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
30	MG/KG	VANADIUM
12	MG/KG	YTTRIUM
52	MG/KG	ZINC
NA	PG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
11000	MG/KG	ALUMINUM
610	MG/KG	MANGANESE
12000	MG/KG	CALCIUM
4800	MG/KG	MAGNESIUM
15000	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
29	%	MOISTURE

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD.

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAN

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
 \*U=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*M=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15535    SAMPLE TYPE: SEDIM.

PROJECT NO.: 87-171    PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG    STATE: MS

STATION I,D,I E-18 DOWNSTREAM FROM PLANT TRIB THROUGH PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R DAVIS    RECEIVED FROM: LOCKED C. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825    REC'D BY: D CULQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
44	MG/KG	ARSENIC
NA	MG/KG	BORON
96	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
NA	MG/KG	COBALT
71	MG/KG	CHROMIUM
10	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
9.6	MG/KG	NICKEL
8.8	MG/KG	LEAD
60	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
35	MG/KG	STRONTIUM
BU	MG/KG	TELLURIUM
70	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
16	MG/KG	VANADIUM
8.4	MG/KG	YTTRIUM
41	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.0511	MG/KG	MERCURY
5000	MG/KG	ALUMINUM
450	MG/KG	MANGANESE
32000	MG/KG	CALCIUM
9700	MG/KG	MAGNESIUM
11000	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
25	%	MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 # 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP    SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*

\*A=AVERAGE VALUE    \*NA=NOT ANALYZED    \*NL=INTERFERENCES  
\*J=ESTIMATED VALUE    \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY Wt)

SAMPLE NO.: 87C15543      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-01 SOIL FROM SOUTH OF PLANT  
STORED STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1410  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
20	MG/KG	SILVER
53	MG/KG	ARSENIC
NA	MG/KG	BORON
100	MG/KG	BARIUM
20	MG/KG	BERYLLIUM
20	MG/KG	CADMIUM
NA	MG/KG	COBALT
44	MG/KG	CHROMIUM
12	MG/KG	COPPER
40	MG/KG	MOLYBDENUM
12	MG/KG	NICKEL
25	MG/KG	LEAD
611	MG/KG	ANTIMONY
80	MG/KG	SELENIUM
200	MG/KG	TIN
34	MG/KG	STRONTIUM
80	MG/KG	TELLURIUM
220	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
20	MG/KG	VANADIUM
804	MG/KG	YTTRIUM
53	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.050	MG/KG	MERCURY
6000	MG/KG	ALUMINUM
470	MG/KG	MANGANESE
30000	MG/KG	CALCIUM
11000	MG/KG	MAGNESIUM
13000	MG/KG	IRON
2000	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
23	%	MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A=AVERAGE VALUE      \*NA=NOT ANALYZED      \*N/A=INTERFERENCES  
 \*J=ESTIMATED VALUE      \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15544      SAMPLE TYPE: SOIL

RESULTS	UNITS	ELEMENT
4U	MG/KG	SILVER
550	MG/KG	ARSENIC
NA	MG/KG	BURON
72	MG/KG	BARIUM
4U	MG/KG	BERYLLIUM
4U	MG/KG	CADMIUM
NA	MG/KG	COBALT
14	MG/KG	CHROMIUM
58	MG/KG	COPPER
80	MG/KG	MOLYBDENUM
13	MG/KG	NICKEL
44	MG/KG	LEAD
82	MG/KG	ANTIMONY
16U	MG/KG	SELENIUM
400	MG/KG	TIN
190	MG/KG	STRONTIUM
16U	MG/KG	TELLURIUM
140	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
16	MG/KG	VANADIUM
7.4	MG/KG	YTTRIUM
130	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
4500	MG/KG	ALUMINUM
410	MG/KG	MANGANESE
85000	MG/KG	CALCIUM
9700	MG/KG	MAGNESIUM
15000	MG/KG	IRON
460	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
17	%	MOISTURE

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-02 SOIL HAZ WASTE DRUM AREA  
STORE STATION NO:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1445  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BOKEY      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD  
REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*

\*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*AI-INTERFERENCES  
\*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
\*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
\*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
\*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV  
ATHENS GEORGIA

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

	RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER	
19	MG/KG	ARSENIC	
NA	MG/KG	BORON	
150	MG/KG	BARIUM	
2U	MG/KG	BERYLLIUM	
2U	MG/KG	CADMIUM	
NA	MG/KG	COBALT	
27	MG/KG	CHROMIUM	
20	MG/KG	COPPER	
40	MG/KG	MOLYBDENUM	
21	MG/KG	NICKEL	
22	MG/KG	LEAD	
60	MG/KG	ANTIMONY	
80	MG/KG	SELENIUM	
20U	MG/KG	TIN	
35	MG/KG	STRONTIUM	
80	MG/KG	TELLURIUM	
280	MG/KG	TITANIUM	
NA	MG/KG	THALLIUM	
33	MG/KG	VANADIUM	
12	MG/KG	YTTRIUM	
65	MG/KG	ZINC	
NA	MG/KG	ZIRCONIUM	
0.1	MG/KG	MERCURY	
11000	MG/KG	ALUMINUM	
620	MG/KG	MANGANESE	
28000	MG/KG	CALCIUM	
15000	MG/KG	MAGNESIUM	
20000	MG/KG	IRON	
200U	MG/KG	SODIUM	
NA	MG/KG	POTASSIUM	
25	%	MOISTURE	

PROJECT NO.: 87-171 PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG STATE: MSSTATION I.D.: CC-03 SOIL BONE YARD  
STORED STATION NO.:SAMPLE COLLECTION: START DATE/TIME 02/19/87 1510  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00COLLECTED BY: B POKEY RECEIVED FROM: LOCKED S. ROOM  
SAMPLE REC'D DATE/TIME 02/23/87 0825 REC'D BY: D COLQUITT  
SEALED: YESCHEMIST: MAW  
ANALYTICAL METHOD:

REMARK: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARK: DAVIS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
\*A=AVERAGE VALUE \*NA=NOT ANALYZED \*N/A=INTERFERENCES

\*J=ESTIMATED VALUE \*N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

\*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

\*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

\*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SUJUDGE(DRY WT)

SAMPLE NO.: 87C15546      SAMPLE TYPE: SOIL

RESULTS	UNITS	ELEMENT
20	MG/KG	SILVER
18	MG/KG	ARSENIC
NA	MG/KG	BORON
100	MG/KG	BARIUM
20	MG/KG	BERILLIUM
21	MG/KG	CADMIUM
NA	MG/KG	COBALT
37	MG/KG	CHROMIUM
23	MG/KG	COPPER
40	MG/KG	MOLYBDENUM
20	MG/KG	NICKEL
56	MG/KG	LEAD
60	MG/KG	ANTIMONY
80	MG/KG	SELENIUM
200	MG/KG	TIN
39	MG/KG	STRONTIUM
80	MG/KG	TELLURIUM
270	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
21	MG/KG	VANADIUM
82	MG/KG	YTTRIUM
75	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.050	MG/KG	MERCURY
7200	MG/KG	ALUMINUM
370	MG/KG	MANGANESE
33000	MG/KG	CALCIUM
11000	MG/KG	MAGNESIUM
16000	MG/KG	IRON
2000	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
22	%	MOISTURE

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG      STATE: MS

STATION I.D.: CC-04 AREA COMPOSITE SOIL DINOSER PRODUCTION  
STORED STATION NO: 1

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1540  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAW  
ANALYTICAL METHOD:

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

\*\*\*\*\*FOOTNOTES\*\*\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
 \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN  
 \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN  
 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

03/10/87

METALS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C15548      SAMPLE TYPE: SOIL

PROJECT NO.: 87-171      PROGRAM ELEMENT: RCRA  
SOURCE: CEDAR CHEMICAL (VICKSBURG CHEMICAL)  
CITY: VICKSBURG

STATION I.D.: CC-06 SOIL/SED FROM DRAINAGE DITCH WEST OF LAGOON  
STORED STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 02/19/87 1630  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BOKEY      RECEIVED FROM: LOCKED C ROOM  
SAMPLE REC'D: DATE/TIME 02/23/87 0825      REC'D BY: D COLQUITT  
SEALED: YES

CHEMIST: MAH  
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
10J	MG/KG	ARSENIC
NA	MG/KG	BORON
210	MG/KG	BARIUM
20	MG/KG	BERYLLIUM
20	MG/KG	CADMIUM
NA	MG/KG	COBALT
12	MG/KG	CHROMIUM
10	MG/KG	COPPER
40	MG/KG	MOLYBDENUM
14	MG/KG	NICKEL
8.0	MG/KG	LEAD
60	MG/KG	ANTIMONY
80	MG/KG	SELENIUM
20U	MG/KG	TIN
48	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
240	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
23	MG/KG	VANADIUM
9.6	MG/KG	YTRIUM
35	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.25	MG/KG	MERCURY
6200	MG/KG	ALUMINUM
880	MG/KG	MANGANESE
42000	MG/KG	CALCIUM
17000	MG/KG	MAGNESIUM
15000	MG/KG	IRON
220	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
26	%	MOISTURE

REMARKS: LEFT IN LOCKED STORAGE ROOM 2/20/87 @ 1850 BY ROD

REMARKS: DAVIS

SAMPLE LOG VERIFIED BY: WFP      SAMPLE DATA VERIFIED BY: MAH

\*\*\*REMARKS\*\*\*

\*\*\*FOOTNOTES\*\*\*  
 \*A-AVERAGE VALUE      \*NA-NOT ANALYZED      \*N/A-INTERFERENCES  
 \*J-ESTIMATED VALUE      \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL  
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 \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS  
 THE MINIMUM DETECTION LIMIT.

REPORT  
HAZARDOUS WASTE SITE INVESTIGATION  
VERTAC CHEMICAL CORPORATION  
VICKSBURG, MISSISSIPPI  
JANUARY 26, 1982

INTRODUCTION

A hazardous waste site field investigation was conducted at the Vertac Chemical Corporation, Vicksburg, Mississippi, by R. J. Bruner III and Carol Hough, U.S. Environmental Protection Agency (EPA), Region IV, Environmental Services Division (ESD), on October 28, 1981. Jim Hardage and Charles Estes, Mississippi Division of Solid Waste Management, also participated in the investigation. Robert Maraman, Chief Chemist, and R. D. Karkkainen, Director, Environment and Safety, represented the company during the investigation. This investigation was requested by the EPA, Region IV, Air and Waste Management Division.

STUDY AREA

The Vertac Chemical Corporation facility (formerly Vicksburg Chemical Company) is located on Business Route 61 south of Vicksburg, Mississippi. The facility is separated into two plants referred to as the North Plant and the South Plant (see figure 1). The North Plant produces nitrogen tetroxide, chlorine, and potassium nitrate, and the South Plant produces nitric acid, dinitrobutylphenol (DNBP), and toxaphene. The DNBP and toxaphene processes were not in operation at the time of this investigation. Methyl parathion and atrazine have been produced at the South Plant in the past, but are no longer being produced (1).

Process wastewater and rainfall runoff from process areas at the South Plant are collected in a waste holding pond. Wastewater from the pond passes through activated carbon columns then combines with wastewater from the North Plant and is discharged to the Mississippi River (NPDES permit number MS0027995). The pH of the process wastewater from the North Plant is neutralized prior to combining with wastewater from the South Plant. Cooling water from both plants and rainfall runoff from the North Plant go directly to the river without treatment (1). Since the organic chemical processes and the activated carbon units at the South Plant were not operating during this investigation, no attempt was made to collect a sample of the wastewater effluent.

The primary emphasis of this investigation involved a reclaimed pit area southwest of the facility's wastewater pond (see figures 2 and 3). The pit area covered approximately 30 acres and was used for the disposal and storage of various waste materials including cyanuric chloride from the atrazine process, dimethyl urea, isopropyl amine, DNBP, sodium nitrophenol, and spent activated carbon (2). All pits had been covered and an attempt had been made at seeding the site at the time of this investigation. The attempted seeding was partially successful at the western end of the site, but was unsuccessful on the remainder of the site (see figures 3(a) through 3(f)). Yellow ground stains were visible at many locations around the reclaimed pit area. Similar stains were observed in the South Plant process area.

The majority of the surface runoff from the reclaimed pit area drained to the east into the facility's wastewater holding pond; however, two areas were observed where runoff drained from the site without entering the wastewater pond. One of these areas was located at the east corner of the site. Surface runoff from this area drained to the south into Hatcher Bayou. Heavy erosion damage was visible at this site (see figure 3(h) and 3(i)). The other site where surface runoff drained from the reclaimed pit area without entering the wastewater pond was located along the western edge of the pit area in a small valley (see figure 3(j)). This site was also marked by severe erosion. A large area of sediment deposition was observed between the western edge of the pit area and the Illinois Central Gulf Railroad tracks (see figures 3(k) and 3(l)). A small amount of water was flowing through the area of deposition at the time of this investigation; however, the water soaked into the ground prior to reaching Hatcher Bayou.

The Vertac Chemical Corporation was in the process of installing a groundwater monitoring system around the wastewater pond and the reclaimed pit area at the time of this investigation.

The Vicksburg Wastewater Treatment Plant is located across Stouts Bayou from the Vertac facility; the WWTP discharges to the Mississippi River.

#### RESULTS AND DISCUSSION

Sediment samples were collected from the two erosion channels observed at the eastern and western corners of the pit area. Water and sediment samples were collected from Stouts Bayou upstream from the Vertac facility and from Hatcher Bayou downstream from the Vertac facility (see figures 1 and 2). All water and sediment samples were analyzed for purgeable and extractable organic compounds including pesticides, metals, and cyanide. Water samples were also analyzed for total phosphorus; pH and temperature were measured in the field on the water samples. A data summary is presented in table 1; complete analytical results are presented in appendix A.

The sediment sample collected from the erosional area east of the reclaimed pit area (VL-002) contained the highest concentrations of organic compounds detected during this investigation. Depositional material collected from the erosion channel contained elevated concentrations of cyanazine (21,000 ug/kg), atrazine (84,000 ug/kg), toxaphene (13,000 ug/kg), and PCB-1254 (7,000 ug/kg). Metal concentrations in this sample were similar to the concentrations detected in the sediment sample from Stouts Bayou upstream from the Vertac facility (SBU-001). Cyanide (0.86 mg/kg) was detected in this sample but was not detected in the Stouts Bayou sediment sample (see table 1).

The sediment sample from the mud flat west of the reclaimed pit area (VL-003) contained elevated concentrations of toxaphene (65,000 ug/kg), atrazine (18,000 ug/kg), dinoseb (<15,000 ug/kg), and cyanazine (<7,600 ug/kg). Four purgeable organic compounds were also detected (maximum concentration 10 ug/kg chloroform). Again, metal concentrations were not significantly higher than the control sediment sample (SBU-001); cyanide (0.58 mg/kg) was detected.

Dinoseb is a generic name for 2,4-dinitro-6-sec-butylphenol, a yellow crystalline substance used as a herbicide (5). Cyanazine is an s-triazine herbicide with a structure very similar to atrazine (6).

The water and sediment sample from Stouts Bayou was collected upstream from the Vertac facility and was considered a control sample. A small bridge had collapsed into Stouts Bayou just upstream from the sampling location, and concrete and asphalt from the bridge and roadway were present in the bayou. Three polynuclear aromatic hydrocarbons, alpha and gamma chlordane, and a petroleum type product were detected in the Stouts Bayou sediment sample. The water sample from Stouts Bayou contained traces (<12 ug/kg) of two fatty acids (see table 1).

The water sample from Hatcher Bayou collected downstream from the Vertac facility (HBD-004) contained the same fatty acids that were detected in the Stouts Bayou water sample, but also contained traces (<5 ug/kg) of two puregable organic compounds (chloroform and carbon tetrachloride). No other organic compounds were detected in either the water or sediment sample from Hatcher Bayou. Sodium (127,000 ug/l) and cyanide (46 ug/l) concentrations were significantly higher in the Hatcher Bayou water sample than in the Stouts Bayou water sample. Chromium (170 mg/kg) and magnesium (116,000 mg/kg) concentrations were higher in the Hatcher Bayou sediment sample than in the Stouts Bayou sediment sample. A large number of old tires and other trash were observed in Hatcher Bayou near the sampling location (see figure 3(g)).

#### METHODOLOGY

All water and soil/sediment samples collected during this investigation were collected in accordance with standard operating procedures of the Water Surveillance Branch, ESD/EPA (3). All laboratory analyses were conducted by the Laboratory Services Branch (LSB), ESD/EPA in accordance with standard procedures and protocols of the LSB (4).

## REFERENCES

1. Personal conversation between R. J. Bruner III, U.S. Environmental Protection Agency, Region IV, Environmental Services Division, and Robert Maraman and R. D. Karkkainen, Vertac Chemical Corporation, on October 28, 1981.
2. "Confidential Report - Estimated Sampling Requirements - Vertac Chemical Corporation" (TDD # F4-8012-2), Ecology and Environment, Inc.
3. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U.S. Environmental Protection Agency, Region IV, Surveillance and Analysis Division; August 29, 1980.
4. Laboratory Services Branch Operations and Quality Assurance Manual, U.S. Environmental Protection Agency, Region IV, Surveillance and Analysis Division; March, 1980.
5. Melnikov, N. N.; Chemistry of Pesticides; Springer-Verlag, Inc. (New York); 1971.
6. Kearney, P. C. and D. D. Kantman (editors); Herbicides - Chemistry, Degradation, and Mode of Action; Marcel Dekker Inc. (New York); 1975.

TABLE 1  
DATA SUMMARY  
VERTAC CHEMICAL COMPANY  
VICKSBURG, MISSISSIPPI

	SOIL/SEDIMENT				WATER	
	SBU-001 Stouts Bayou Upstream	HDB-004 Hatcher Bayou Downstream	VL-002 Erosion Channel East Corner	VL-003 Mud Flat West Corner	SEU-001 Stouts Bayou Upstream	HDB-004 Hatcher Bayou Downstream
PURGEABLE ORGANIC COMPOUNDS	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{l}$ )	( $\mu\text{g}/\text{l}$ )
Chloroform <sup>1</sup>	ND	ND	ND	10	ND	<5
Carbon tetrachloride <sup>1</sup>	ND	ND	ND	<7 <sup>c</sup>	ND	<5
Trichloroethylene <sup>1</sup>	ND	ND	ND	<7	ND	ND
Tetrachloroethylene <sup>1</sup>	ND	ND	ND	<7	ND	ND
EXTRACTABLE ORGANIC COMPOUNDS (GC/MS)	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{l}$ )	( $\mu\text{g}/\text{l}$ )
Benzo (B) fluoranthene and/or Benzo (K) fluoranthene <sup>1</sup>	<36,000	ND	ND	ND	ND	ND
Benzo-A-pyrene <sup>1</sup>	<36,000	ND	ND	ND	ND	ND
Benzo (GHL) perylene <sup>1</sup>	<36,000	ND	ND	ND	ND	ND
Hexadecanoic acid <sup>2</sup>	—	—	—	—	<12	<12
Octadecanoic acid <sup>2</sup>	—	—	—	—	<12	<12
Dinoseb <sup>2</sup>	ND	ND	ND	<15,000	ND	ND
Cyanazine <sup>2</sup>	—	—	21,000	<7,000	—	—
Petroleum type product	P	—	—	—	—	—
PESTICIDES, PCB'S, AND OTHER CHLORINATED ORGANIC COMPOUNDS (GC/EC)	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{kg}$ )	( $\mu\text{g}/\text{l}$ )	( $\mu\text{g}/\text{l}$ )
PCB-1254 <sup>1</sup>	ND	ND	7,000	ND	ND	ND
Toxaphene	ND	ND	13,000 <sup>b</sup>	65,000 <sup>b</sup>	ND	ND
Atrazine	ND	ND	84,000 <sup>b</sup>	18,000 <sup>b</sup>	ND	ND
Alpha chlordane	6.5	ND	ND	ND	ND	ND
Gamma chlordane	7.6	ND	ND	ND	ND	ND
INORGANIC ELEMENTS AND COMPOUNDS	( $\text{mg}/\text{kg}$ )	( $\text{mg}/\text{kg}$ )	( $\text{mg}/\text{kg}$ )	( $\text{mg}/\text{kg}$ )	( $\text{mg}/\text{l}$ )	( $\text{mg}/\text{l}$ )
Barium <sup>1</sup>	156	195	213	211	64	112
Chromium <sup>1</sup>	12	170	30	22	ND	ND
Copper <sup>1</sup>	8.8	7.8	17	15	ND	17
Nickel <sup>1</sup>	12	14	23	23	ND	ND
Lead <sup>1</sup>	14	21	20	20	ND	ND
Strontium	61	92	62	30	88	122
Titanium	240	213	441	561	21	36
Vanadium	22	22	41	46	ND	ND
Thallium	12	19	14	14	ND	ND
Zinc <sup>1</sup>	50	50	67	64	ND	17
Mercury <sup>1</sup>	0.12	ND	0.12	ND	ND	ND
Aluminum	7,690	6,378	14,765	15,843	875	1,500
Manganese	3,050	3,150	1,265	1,589	173	228
Calcium	71,200	116,000	38,850	15,453	32,000	34,000
Magnesium	5,680	8,466	10,134	6,340	8,900	14,000
Iron	19,900	26,043	22,988	24,327	1,100	1,800
Sodium	160	400	210	660	6,300	127,000
Cyanide <sup>1</sup>	ND	ND	0.86	0.58	ND	46
CONVENTIONAL PARAMETERS (Units as specified for each parameter)						
Temperature ( $^{\circ}\text{C}$ )	NA	NA	NA	NA	6.5	15.9
pH (SU)	NA	NA	NA	NA	7.1	6.9
Total phosphorus ( $\text{mg}/\text{l}$ )	NA	NA	NA	NA	0.40	0.98

All soil/sediment concentrations were calculated on a dry weight basis.

P - Indicates presence.

NA - Not analyzed.

ND - None detected at or above the minimum quantifiable level (MQL). The MQL's vary from sample to sample and from parameter to parameter; see analytical data sheets (appendix A) for exact values.

1 - Compound/element is on the NRDC list of priority pollutants.

2 - Tentative identification, estimated concentration.

3 - The value indicates the highest estimated concentration for a compound in this classification. The number in parentheses indicated the number of compounds detected in this classification.

a - Presumptive evidence of presence of material; not confirmed on GC/MS or second GC column. See footnote b.

b - Confirmed on GC/MS. The lack of a footnote indicates that the compound was confirmed on two different GC columns.

c - The less than symbol indicates that the compound was detected by GC/MS at a concentration less than the minimum quantifiable level (MQL); the number indicates the MQL.

FIGURE 1  
MAP  
SOUTHEAST VICKSBURG, MS

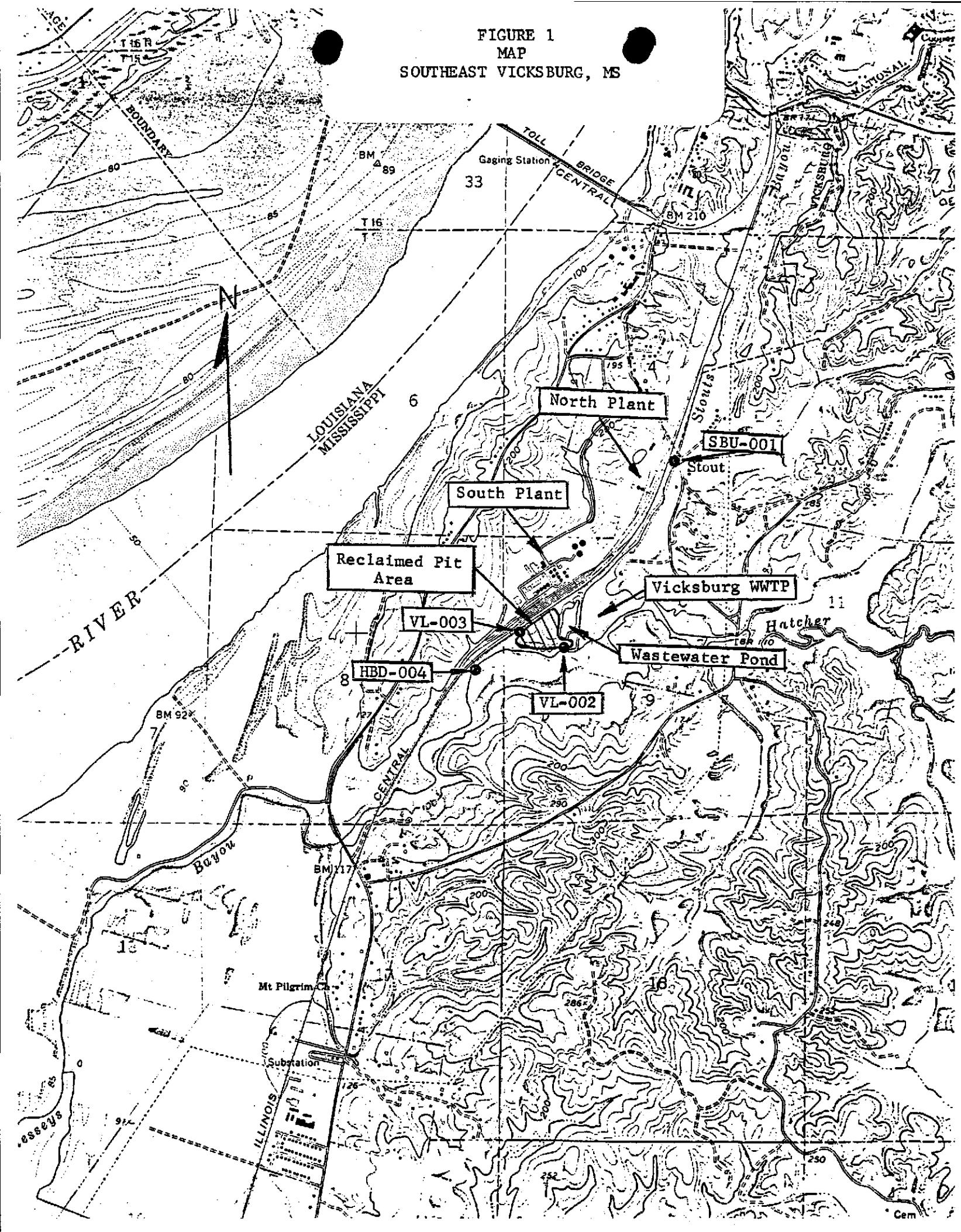


FIGURE 2  
SCHEMATIC DIAGRAM  
VERTAC CHEMICAL CO.  
VICKSBURG, MS

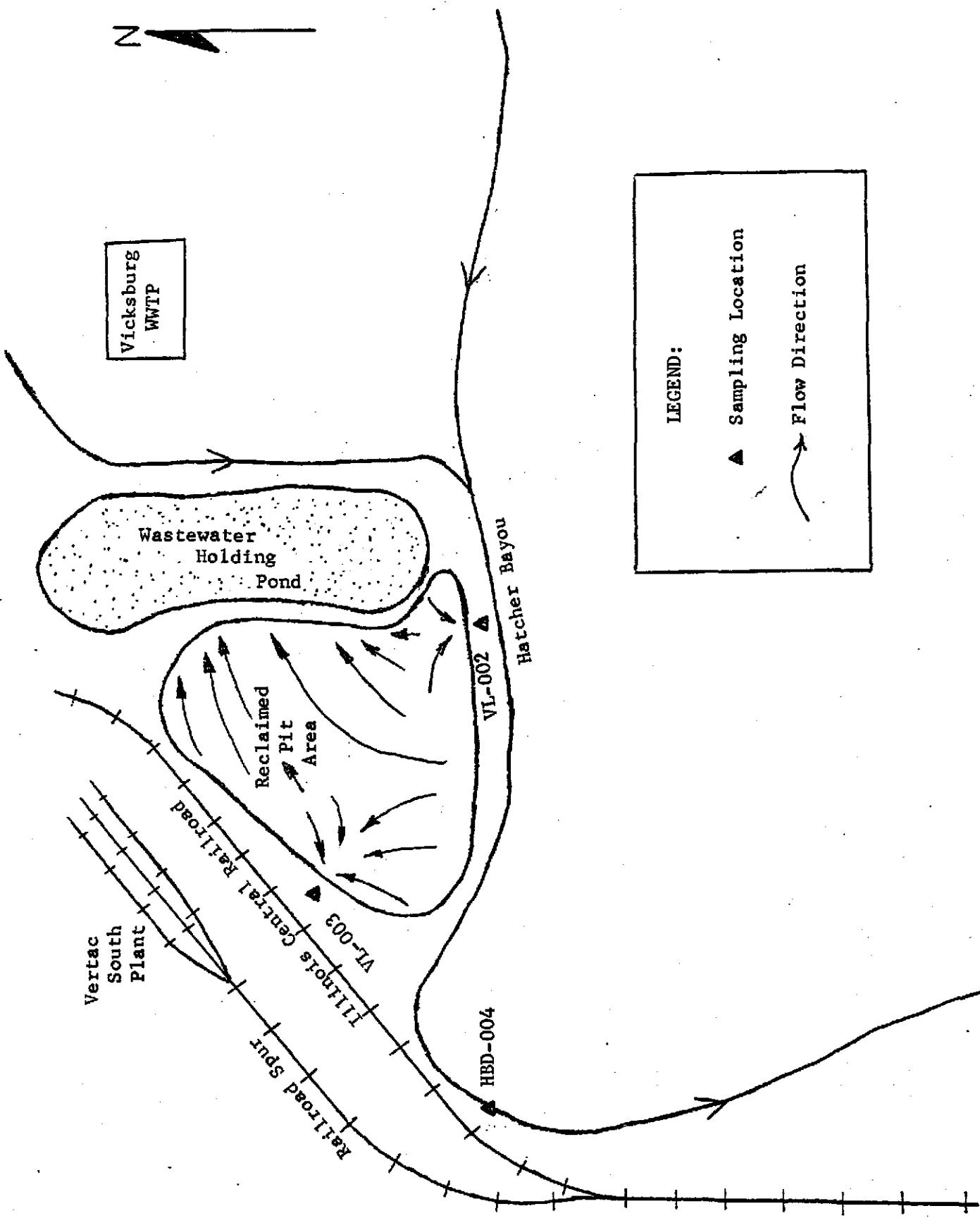
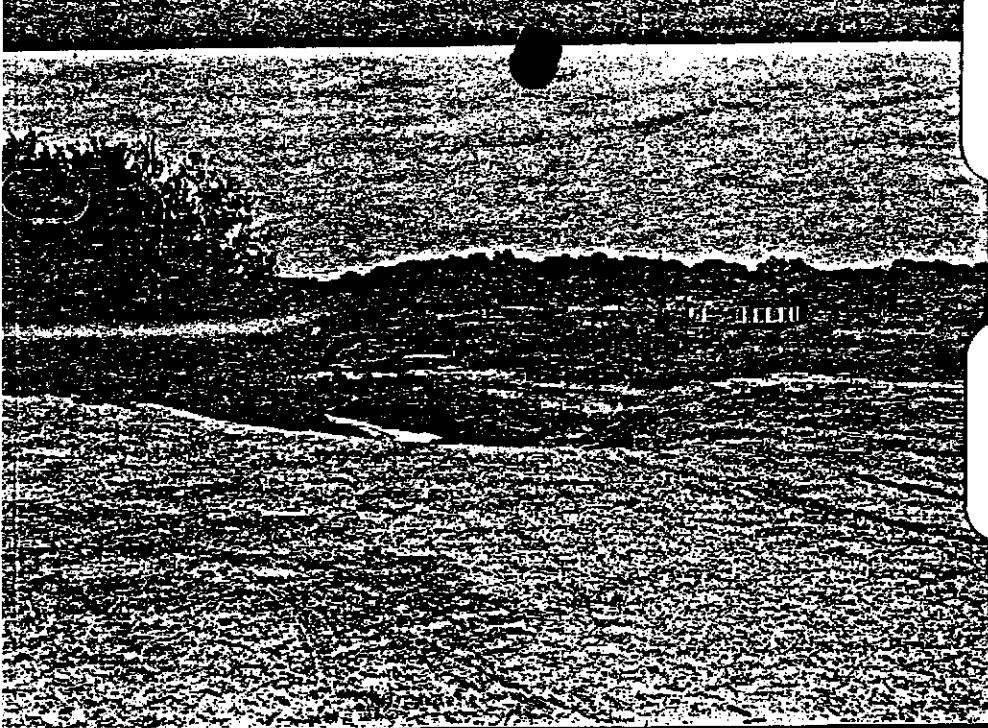
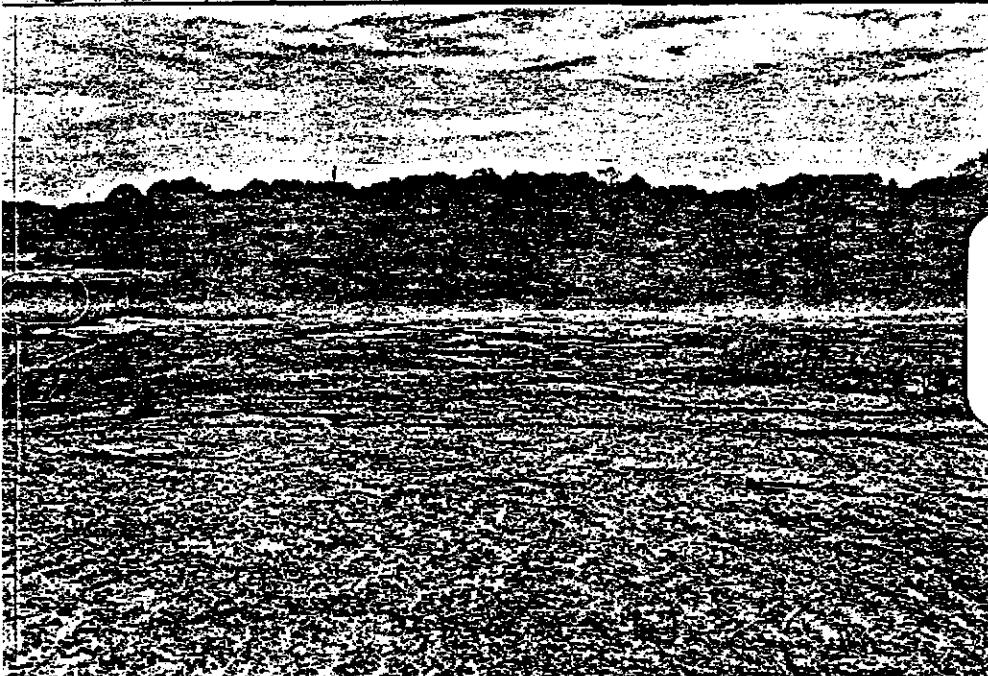


FIGURE 3  
PHOTOGRAPHS  
VERTAC CHEMICAL CO.  
VICKSBURG, MS

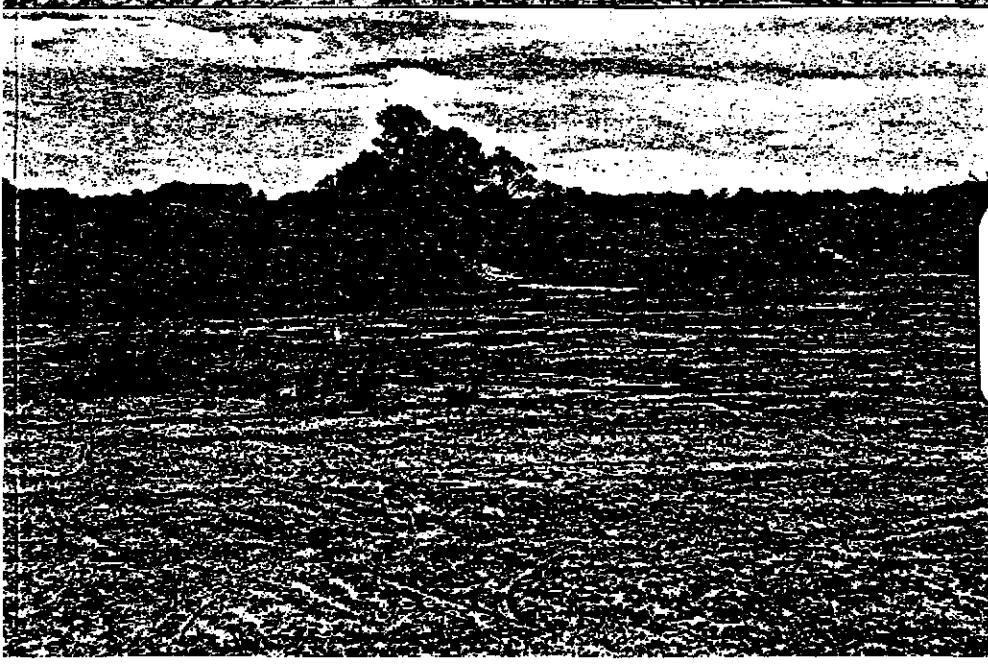


a-f) Sequential panoramic view  
of reclaimed pit area.

a) View northeast.



b) View east.



c) View southeast.

FIGURE 3 (cont.)  
PHOTOGRAPHS  
VERTAC CHEMICAL CO.  
VICKSBURG, MS



d) View south.



e) View southwest.



f) View west.

FIGURE 3 (cont.)  
PHOTOGRAPHS  
VERTAC CHEMICAL CO.  
VICKSBURG, MS



g) Hatcher Bayou downstream from Vertac (HBD-004).



h) Erosion channel near the east corner of the pit area (VL-002).

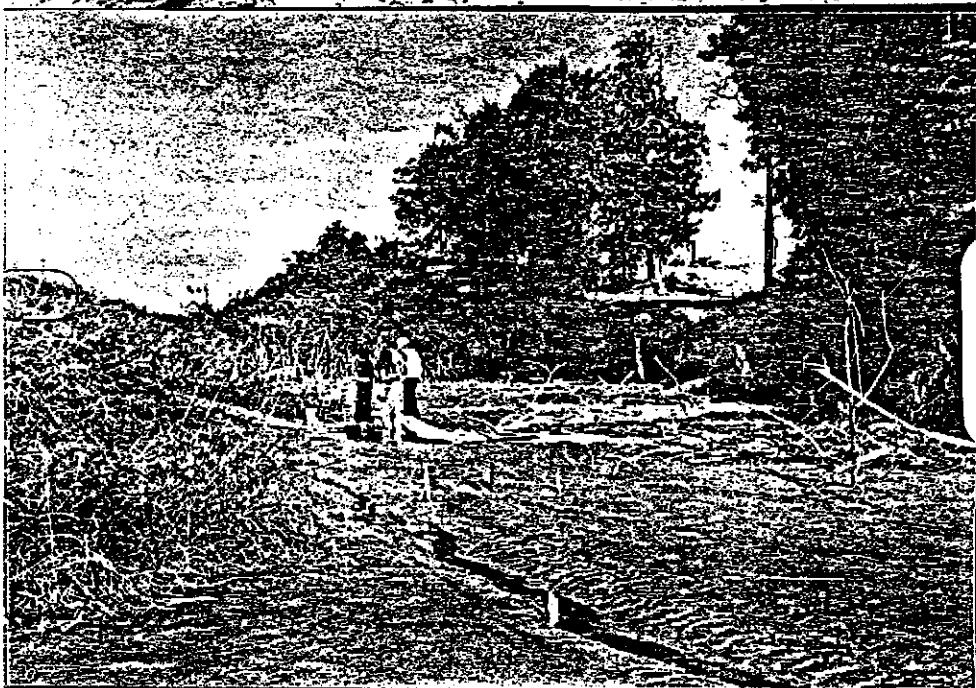


i) Slope and sampling location near the east corner of the pit area (VL-002).

FIGURE 3 (cont.)  
PHOTOGRAPHS  
VERTAC CHEMICAL CO.  
VICKSBURG, MS



j) Erosion channel along western edge of pit area.



k) Mud flat along the western edge of the pit area (VL-003).



l) Mud flat along the western edge of the pit area, view northeast.

**APPENDIX A**

**ANALYTICAL DATA SHEETS**

**AND**

**CHAIN-OF-CUSTODY RECORDS**

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAO/RGM.IV  
ATHENS, GA

PROJECT #: A2-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 - 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1430

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: VI-003 DRAINAGE TO DITCH AT W CORNER OF LANDFILL

SAID NO.: 02C0233

CHEMIST: E.W. Loy, Jr. COMPLETED 11/18/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
METHYL CHLORIDE	34421	7U	UG/KG	*	UG/KG
METHYL BROMIDE	34416	7U	UG/KG	*	UG/KG
DICHLORODIFLUOROMETHANE	34334	7U	UG/KG	*	UG/KG
VINYL CHLORIDE	34495	7U	UG/KG	*	UG/KG
CHLOROETHANE	34314	7U	UG/KG	*	UG/KG
NEOPENTYLENE CHLORIDE	34426	7U	UG/KG	*	UG/KG
TRICHLORODIFLUOROMETHANE	34491	7U	UG/KG	*	UG
1,1-DICHLOROETHYLENE	34504	7U	UG/KG	*	UG/
1,1-DICHLOROETHANE	34499	7U	UG/KG	*	UG/KG
1,2-TRANS-DICHLOROETHYLENE	34549	7U	UG/KG	*	UG/KG
CHLOROFORM	34318	10	UG/KG	*	UG/KG
1,2-DICHLOROETHANE	34534	7U	UG/KG	*	UG/KG
1,1,1-TRICHLOROETHANE	34509	7U	UG/KG	*	UG/KG
CARBON TETRACHLORIDE	34299	7K	UG/KG	*	UG/KG
DICHLORODIMETHANE	34330	7U	UG/KG	*	UG/KG
1,2-DICHLOROPROPANE	34544	7U	UG/KG	*	UG/KG
TRANS-1,3-DICHLOROPROPENE	34617	7U	UG/KG	*	UG/KG
TRICHLOROETHYLENE	34487	2K	UG/KG	*	UG/KG
HEXENE	34237	7U	UG/KG	*	UG/KG
CHLORODIMETHANE	34304	7U	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHANE	34514	7U	UG/KG	*	UG/KG
CIS-1,3-DICHLOROPROPENE	34702	7U	UG/KG	*	UG/KG
2-CHLOROETHYL VINYL ETHER	34579	7U	UG/KG	*	UG/KG
HEXANEFURAN	34290	7U	UG/KG	*	UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	7U	UG/KG	*	UG/KG
TETRACHLOROETHYLENE	34478	2K	UG/KG	*	UG/KG
TOLUENE	34463	7U	UG/KG	*	UG/KG
CHLOROBENZENE	34304	7U	UG/KG	*	UG/KG
ETHYLBENZENE	34374	7U	UG/KG	*	UG
ACROLEIN	34213	1400	UG/KG	*	UG/K
ACRYLONITRILE	34218	1400	UG/KG	*	UG/KG
% NOTSTURE	70320	27	%	*	

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 7  $\mu\text{g}/\text{kg}$ 

NOTES: 1) J-ESTIMATED VALUE

6) A-AVERAGE VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) NA-COMPOND NOT ANALYZED FOR.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) R-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAU-RGN. IV  
ATHENS, GA

PROJECT #: A2-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1405

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: VI-002 DRAINAGE TO BAYOU AT S CORNER OF LANDFILL

SAD NO.: 02C0232

CHEMIST: E.W. Loy, Jr. COMPLETED 11/28/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
METHYL CHLORIDE	34421	UG/KG	*		UG/KG
METHYL BROMIDE	34416	UG/KG	*		UG/KG
DICHLORODIFLUOROMETHANE	34334	UG/KG	*		UG/KG
VINYL CHLORIDE	34445	UG/KG	*		UG/KG
CHLOROETHANE	34314	UG/KG	*		UG/KG
1-METHYLENE CHLORIDE	34426	UG/KG	*		UG/KG
TRICHLOROFLUOROMETHANE	34491	UG/KG	*		UG/KG
1,1-DICHLOROETHYLENE	34504	UG/KG	*		UG/KG
1,1-DICHLOROETHANE	34499	UG/KG	*		UG/KG
1,2-TRANS-DICHLOROETHYLENE	34549	UG/KG	*		UG/KG
CHLOROFORAN	3431n	UG/KG	*		UG/KG
1,2-DICHLOROTHANE	34534	UG/KG	*		UG/KG
1,1,1-TRICHLOROTHANE	34509	UG/KG	*		UG/KG
CAPROLIC TETRACHLORIDE	34299	UG/KG	*		UG/KG
DICHLORODIBROMOMETHANE	34330	UG/KG	*		UG/KG
1,2-DICHLOROPROPANE	34544	UG/KG	*		UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	UG/KG	*		UG/KG
TRICHLOROETHYLENE	34487	UG/KG	*		UG/KG
BENZENE	34237	UG/KG	*		UG/KG
CHLORODIBROMOMETHANE	34309	UG/KG	*		UG/KG
1,1,2-TRICHLOROETHANE	34514	UG/KG	*		UG/KG
CIS-1,3-DICHLOROPROPENE	34702	UG/KG	*		UG/KG
2-CHLOROETHYL VINYL ETHER	34579	UG/KG	*		UG/KG
BROMOFORM	34290	UG/KG	*		UG/KG
1,1,2,2-TETRACHLOROETHANE	34519	UG/KG	*		UG/KG
TETRACHLOROETHYLENE	34470	UG/KG	*		UG/KG
TOLUENE	34443	UG/KG	*		UG/KG
CHLORODIENE	34304	UG/KG	*		UG/KG
ETHYL BENZENE	34374	UG/KG	*		UG/KG
ACROLEIN	34213	1200	UG/KG	*	UG/KG
ACRYLONITRILE	3421d	1200	UG/KG	*	UG/KG
% MOISTURE	70320	27	%	*	%

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 6 UG/kg

NOTES: 1) =ESTIMATED VALUE

6) =AVERAGE VALUE

2) X=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) NA=COMPOUND NOT ANALYZED FOR.

3) L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) P=PRESCRIPTIVE EVIDENCE OF PRESENCE OF MATERIAL

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD-RUN.IV  
ATHENS, GA

PROJECT #: H2-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800'

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/28/81 1140

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SHU-001 STARTS HAYOO UPSTREAM

SAD NO.: 82C0231

CHEMIST: E.W. Loy, Jr. COMPLETED 11/18/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
METHYL CHLORIDE	34421	UG/KG	*		UG/KG
METHYL BROMIDE	34416	UG/KG	*		UG/KG
DICHLORODIFLUOROMETHANE	34334	UG/KG	*		UG/KG
VINYL CHLORIDE	34495	UG/KG	*		UG/KG
CHLOROETHANE	34314	UG/KG	*		UG/KG
METHYLENE CHLORIDE	34426	UG/KG	*		UG/KG
TRICHLOROFLUOROMETHANE	34491	UG/KG	*		UG/KG
1,1-DICHLOROETHYLENE	34504	UG/KG	*		UG/KG
1,1-DICHLOROETHANE	34499	UG/KG	*		UG/KG
1,2-TRANS-DICHLOROETHYLENE	34549	UG/KG	*		UG/KG
CHLOROFORM	34318	UG/KG	*		UG/KG
1,2-DICHLOROETHANE	34534	UG/KG	*		UG/KG
1,1,1-TRICHLOROETHANE	34509	UG/KG	*		UG/KG
CARBON TETRACHLORIDE	34299	UG/KG	*		UG/KG
DICHLORODROROMETHANE	34330	UG/KG	*		UG/KG
1,2-DICHLOROPROPENE	34544	UG/KG	*		UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	UG/KG	*		UG/KG
TRIFLUOROETHYLENE	34487	UG/KG	*		UG/KG
HEXENE	34237	UG/KG	*		UG/KG
CHLORODIFLUOROMETHANE	34304	UG/KG	*		UG/KG
1,1,2-TRICHLOROETHANE	34514	UG/KG	*		UG/KG
1,1,1,2-TETRACHLOROETHANE	34702	UG/KG	*		UG/KG
2-CHLOROETHYL VINYL ETHER	34579	UG/KG	*		UG/KG
PERFLUORIN	34290	UG/KG	*		UG/KG
1,1,1,2-TETRACHLOROETHANE	34519	UG/KG	*		UG/KG
TERTRACHLOROETHYLENE	34478	UG/KG	*		UG/KG
TOLUENE	34403	UG/KG	*		UG/KG
CHLOROETHENONE	34304	UG/KG	*		UG/KG
ETHYL BENZENE	34374	UG/KG	*		UG/KG
ACROLEIN	34213	1400	UG/KG	*	UG/KG
ACRYLONITRILE	34219	1400	UG/KG	*	UG/KG
% MOISTURE	70320	24	*		*

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 7 ug/kg

NOTES: 1) -ESTIMATED VALUE

6) A-AVERAGE VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) NA-COMPOND NOT ANALYZED FOR.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) D-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAD-RGN-IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

CITY: VICKSBURG

STATE: MS

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 12/26/81 1135

STATION: SRU-001 STANTS BAYOU UPSTREAM

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAD NO.: 82C0230

CHEMIST: E.W. Loy, Jr. COMPLETED 11/13/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
METHYL CHLORIDE	3441b	UG/L	*		UG/L
METHYL IODIDE	34413	UG/L	*		UG/L
DICHLOROFLUOROMETHANE	34608	UG/L	*		UG/L
VINYL CHLORIDE	34175	UG/L	*		UG/L
CHLOROETHANE	34311	UG/L	*		UG/L
METHYLENE CHLORIDE	34423	UG/L	*		UG/L
TRICHLOROFLUOROMETHANE	34488	UG/L	*		UG/L
1,1-DICHLOROETHYLENE	34501	UG/L	*		UG/L
1,1-DICHLOROETHANE	34496	UG/L	*		UG/L
1,2-TRANS-DICHLOROETHYLENE	34546	UG/L	*		UG/L
CHLOROFORM	32106	UG/L	*		UG/L
1,2-DICHLOROETHANE	32103	UG/L	*		UG/L
1,1,1-TRICHLOROETHANE	34506	UG/L	*		UG/L
CARBON TETRACHLORIDE	32102	UG/L	*		UG/L
DICHLOROBROMOMETHANE	32101	UG/L	*		UG/L
1,2-DICHLOROPROPENE	34541	UG/L	*		UG/L
TRANS-1,3-DICHLOROPROPENE	34699	UG/L	*		UG/L
TRICHLOROETHYLENE	39180	UG/L	*		UG/L
HENZENE	34030	UG/L	*		UG/L
CHLORODIBROMOMETHANE	34306	UG/L	*		UG/L
1,1,2-TRICHLOROETHANE	34511	UG/L	*		UG/L
CIS-1,3-DICHLOROPROPENE	34704	UG/L	*		UG/L
2-CHLOROETHYL VINYL ETHER	34576	UG/L	*		UG/L
CHLOROFORM	32104	UG/L	*		UG/L
1,1,2,2-TETRACHLOROETHANE	34516	UG/L	*		UG/L
TETRACHLOROETHYLENE	34475	UG/L	*		UG/L
TOLUENE	34010	UG/L	*		UG/L
CHLOROBENZENE	34301	UG/L	*		UG/L
ETHYL BENZENE	34371	UG/L	*		UG/L
ACRYLIC ACID	34210	1000	UG/L	*	UG/L
ACRYLONITRILE	34215	1000	UG/L	*	UG/L

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 5 ug/L

NOTES: 1) E-ESTIMATED VALUE

6) A-AVERAGE VALUE

2) X-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) N-COMPOND NOT ANALYZED FOR.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD-RGN-IV  
ATHENS, GA

PROJECT #: 42-14 PROG ELEMENT #: HWSH

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/26/81 1605

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: 080-004 HATCHER BAYOU DOWNSTREAM

SAMPLE TYPE: SEDIM

CHEMIST: E.W. Loy, Jr COMPLETED 11/19/81

SAD NO.: 0200235

COMPOUND	STORE#N	UNITS	COMPOUND	STORE#N	UNITS
METHYL CHLORIDE	34421	70	UG/KG	*	UG/KG
METHYL BROMIDE	34416	70	UG/KG	*	UG/KG
DECHLORODIFLUOROMETHANE	34434	70	UG/KG	*	UG/KG
VINYL CHLORIDE	34493	70	UG/KG	*	UG/KG
CHLOROETHANE	34314	70	UG/KG	*	UG/KG
1,1-CHLOROETHYLENE	34420	70	UG/KG	*	UG/KG
TRICHLORODIFLUOROMETHANE	34491	70	UG/KG	*	UG/KG
1,1-DICHLOROETHYLENE	34504	70	UG/KG	*	UG/KG
1,1-DICHLOROETHANE	34494	70	UG/KG	*	UG/KG
1,2-TRANS-DICHLOROETHYLENE	34510	70	UG/KG	*	UG/KG
CHLOROFORON	34318	70	UG/KG	*	UG/KG
1,2-DICHLOROETHANE	34534	70	UG/KG	*	UG/KG
1,1,1-TRICHLOROETHANE	34509	70	UG/KG	*	UG/KG
CARBON TETRACHLORIDE	34249	70	UG/KG	*	UG/KG
DICHLORODIOMETHANE	34330	70	UG/KG	*	UG/KG
1,2-DICHLOROPROPANE	34544	70	UG/KG	*	UG/KG
TRANS-1,3-DICHLOROPROPENE	34697	70	UG/KG	*	UG/KG
TRICHLOROETHYLENE	34487	70	UG/KG	*	UG/KG
CHLOROBUTANONE	34237	70	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHANE	34309	70	UG/KG	*	UG/KG
1,5-1,3-DICHLOROPROPENE	34702	70	UG/KG	*	UG/KG
Z-CHLOROPHENYL VINYL ETHER	34579	70	UG/KG	*	UG/KG
CHLOROFORM	34290	70	UG/KG	*	UG/KG
1,1,2-TETRACHLOROETHANE	34514	70	UG/KG	*	UG/KG
1,1,2-TRICHLOROETHYLENE	34478	70	UG/KG	*	UG/KG
TOLUENE	34463	70	UG/KG	*	UG/KG
CHLOROBENZENE	34304	70	UG/KG	*	UG/KG
ETHYL BENZENE	34374	70	UG/KG	*	UG/KG
ACROLEIN	34213	1400	UG/KG	*	UG/KG
ACRYLIC ACID	34218	1400	UG/KG	*	UG/KG
WATER	70320	26	b	*	UG/KG

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 7 ug/kg

NOTE: 1) I-ESTIMATED VALUE

2) A-AVERAGE VALUE

3) R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

4) N-COMPUND NOT ANALYZED FOR.

5) G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

6) D-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

7) P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

DATE: 10/30/81

PURGEABLE ORGANICS ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAU,RGN.IV  
ATHENS,GA

PROJECT #: 82-14 PROG ELEMENT #: MWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/26/81 1600

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: MHD-004 HATCHER RAYOO DOWNSTREAM

SAD NO.: 62C0234

CHEMIST: E.W. Loy, Jr. COMPLETED 11/13/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
METHYL CHLORIDE	34418	UG/L	*		UG/L
METHYL BROMIDE	34413	UG/L	*		UG/L
DICHLORODIFLUOROMETHANE	34668	UG/L	*		UG/L
VINYL CHLORIDE	39175	UG/L	*		UG/L
CHLOROPROPANE	34311	UG/L	*		UG/L
METHYLENE CHLORIDE	34423	UG/L	*		UG/L
TRICHLORODIFLUOROMETHANE	34488	UG/L	*		UG/L
1,1-DICHLOROETHYLENE	34501	UG/L	*		UG/L
1,1-DICHLOROETHANE	34490	UG/L	*		UG/L
1,2-TRANS-DICHLOROETHYLENE	34546	UG/L	*		UG/L
CHLOROFORM	32100	5K	UG/L	*	UG/L
1,2-DICHLOROETHANE	32103	5U	UG/L	*	UG/L
1,1,1-TRICHLOROETHANE	34506	5U	UG/L	*	UG/L
CARBON TETRA-CHLORIDE	3c102	5K	UG/L	*	UG/L
DICHLORODIFLUOROMETHANE	32101	5U	UG/L	*	UG/L
1,2-DICHLOROPROPANE	34541	5U	UG/L	*	UG/L
TRANS-1,3-DICHLOROPROPENE	34699	5U	UG/L	*	UG/L
TRICHLOROETHYLENE	35180	5U	UG/L	*	UG/L
BENZENE	34030	5U	UG/L	*	UG/L
CHLORODIBROMOMETHANE	34306	5U	UG/L	*	UG/L
1,1,2-TRICHLOROETHANE	34511	5U	UG/L	*	UG/L
CIS-1,3-DICHLOROPROPENE	34704	5U	UG/L	*	UG/L
2-CHLOROETHYL VINYL ETHER	34576	5U	UG/L	*	UG/L
BROMOFORM	32104	5U	UG/L	*	UG/L
1,1,2,2-TETRACHLOROETHANE	34516	5U	UG/L	*	UG/L
TETRACHLOROETHYLENE	34475	5U	UG/L	*	UG/L
TOLUENE	34010	5U	UG/L	*	UG/L
CHLOROPHENYL	34301	5U	UG/L	*	UG/L
ETHYL BENZENE	34371	5U	UG/L	*	UG/L
ACROLEIN	34210	1000	UG/L	*	UG/L
ACRYLONITRILE	34215	1000	UG/L	*	UG/L

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 5 ug/L

- NOTES: 1) U-ESTIMATED VALUE  
 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 4) N-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.  
 THE NUMBER IS THE MINIMUM DETECTION LIMIT.  
 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

- 6) A-AVERAGE VALUE  
 7) NA-COMPOND NOT ANALYZED FOR.

DATE: 11/12/81

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SOURCE: VERTAC CHEMICAL CO

CITY: VICKSBURG

STATE: MS

STATION: SBU-001 STANTS BAYOU UPSTREAM

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD,RGN.IV  
ATHENS, GA

SAMPLE RECEIVED (DATE &amp; TIME): 10/30/81 800

SAMPLE START (DATE &amp; TIME): 12/28/81 1140

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

SAD NO.: 82C0231

CHEMIST: E.W. Loy, Jr. COMPLETED 11/10/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(CHLOROMETHYL) ETHER	34271	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39102	36000U
N-NITROSODIMETHYLAMINE	34441	NA	CHRYSENE	34323	36000U
1,2-DICHLOROBENZENE	34539	36000U	BENZO(A)ANTHRACENE	34529	36000U
1,3-DICHLOROBENZENE	34569	36000U	3,3'-DICHLOROBENZIDINE	34634	36000U
1,4-DICHLOROBENZENE	34574	36000U	DI-N-OCTYL PHTHALATE	34593	36000U
BIS(2-CHLOROETHYL) ETHER	34276	36000U	BENZO(B)FLUORANTHENE 10/	34233	36000K
HEXACHLOROETHANE	34399	36000U	BENZO(K)FLUORANTHENE 10/	34245	36000K
HIS(2-CHLOROISOPROPYL) ETHER	34286	36000U	BENZO-A-PYRENE	34250	36000K
N-NITROSDI-N-PROPYLAMINE	34431	36000U	INDENO (1,2,3-CD) PYRENE	34406	36000U
NITROBENZENE	34450	36000U	1,2,5,6-DIBENZANTHACENE	34559	36000U
HEXACHLOROBUTADIENE	39705	36000U	BENZO(GHII)PERYLENE	34524	36000K
1,2,4-TRICHLOROBENZENE	34554	36000U	2-CHLOROPHENOL	34589	36000U
NAPHTHALENE	34445	36000U	2-NITROPHENOL	34594	36000U
BIS(2-CHLOROETHOXY) METHANE	34281	36000U	PHENOL (GC/MS)	34695	36000U
ISOPHORONE	34411	36000U	2,4-DIMETHYLPHENOL	34609	36000U
HEXACHLOROCYCLOPENTADIENE	34389	36000U	2,4,4-DICHLOROPHENOL	34604	36000U
2-CHLORONAPHTHALENE	34584	36000U	2,4,6-TRICHLOROPHENOL	34624	36000U
ACENAPHTHYLENE	34203	36000U	PARACHLOROMETA CRESOL	34455	36000U
ACENAPHTHENE	34208	36000U	2,4-DINITROPHENOL	34619	110000U
DIMETHYL PHTHALATE	34344	36000U	4,6-DINITRO-O-CRESOL	34660	110000U
2,4-DINITROTOLUENE	34614	36000U	PENTACHLOROPHENOL	39061	110000U
2,6-DINITROTOLUENE	34629	36000U	4-NITROPHENOL	34649	72000U
4-CHLOROPHENYL PHENYL ETHER	34644	36000U	6 MOISTURE	70320	24
FLUORENE	34384	36000U			\$
DIETHYL PHTHALATE	34339	36000U			UG/KG
1,2-DIPHENYLHYDRAZINE 8/	34349	36000U			UG/KG
N-NITROSODIPHENYLAMINE 9/	34436	36000U	dinoseb	72000U	UG/KG
HEXACHLOROBENZENE	39701	36000U			UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	36000U			UG/KG
PHENANTHRENE	34464	36000U	the chromatogram indicates the presence		UG/KG
ANTHRACENE	34223	36000U	of a petroleum type product		UG/KG
DI-N-BUTYL PHTHALATE	39112	36000U			UG/KG
FLUORANTHENE	34379	36000U			UG/KG
PYRENE	34472	36000U			UG/KG
N-BUTYL BENZYL PHTHALATE	34295	36000U			UG/KG
BENZIDINE	39121	36000U			UG/KG

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 110,000  $\mu\text{g}/\text{kg}$ 

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPONENT NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

DATE: 11/12/81

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SOURCE: VERTAC CHEMICAL CO

CITY: VICKSBURG

STATE: MS

STATION: HRD-004 HATCHER BAYOU DOWNSTREAM

**EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAD,RGN.IV  
ATHENS, GA

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SAMPLE START(DATE &amp; TIME): 12/28/81 1605

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

SAD NO.: 82C0235

CHEMIST: E.W. Loy, Jr. COMPLETED 11/10/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(CHLOROMETHYL) ETHER	34271	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39102	8600U
N-NITROSODIMETHYLAMINE	34441	NA	CHRYSENE	34323	8600U
1,2-DICHLOROBENZENE	34539	8600U	BENZO(A)ANTHRACENE	34529	8600U
1,3-DICHLOROBENZENE	34569	8600U	3,3'-DICHLOROBENZIDINE	34634	8600U
1,4-DICHLOROBENZENE	34574	8600U	DI-N-OCTYL PHTHALATE	34599	8600U
BIS(2-CHLOROETHYL) ETHER	34276	8600U	BENZO(B)FLUORANTHENE 10/	34233	8600U
HEXACHLOROETHANE	34399	8600U	BENZO(K)FLUORANTHENE 10/	34245	8600U
HIS(2-CHLOROISOPROPYL) ETHER	34286	8600U	BENZO-A-PYRENE	34250	8600U
N-NITROSODI-N-PROPYLAMINE	34431	8600U	INDENO (1,2,3-CD) PYRENE	34406	8600U
NITROBENZENE	34450	8600U	1,2,5,6-DIBENZANTHRACENE	34559	8600U
HEXACHLOROBUTADIENE	39705	8600U	BENZO(GHI)PERYLENE	34524	8600U
1,2,4-TRICHLOROBENZENE	34554	8600U	2-CHLOROPHENOL	34589	8600U
NAPHTHALENE	34445	8600U	2-NITROPHENOL	34594	8600U
BIS(2-CHLOROETHOXY) METHANE	34281	8600U	PHENOL (GC/MS)	34695	8600U
ISOPHORONE	34411	8600U	2,4-DIMETHYLPHENOL	34609	8600U
HEXACHLOROCYCLOPENTADIENE	34389	8600U	2,4-DICHLOROPHENOL	34604	8600U
2-CHLORONAPHTHALENE	34584	8600U	2,4,6-TRICHLOROPHENOL	34624	8600U
ACENAPHTHYLENE	34203	8600U	PARACHLOROMET A CRESOL	34455	8600U
ACENAPHTHENE	34208	8600U	2,4-DINITROPHENOL	34619	26000U
DIMETHYL PHTHALATE	34344	8600U	4,6-DINITRO-O-CRESOL	34660	26000U
2,4-DINITROTOLUENE	34614	8600U	PENTACHLOROPHENOL	39061	26000U
2,6-DINITROTOLUENE	34629	8600U	4-NITROPHENOL	34649	17000U
4-CHLOROPHENYL PHENYL ETHER	34644	8600U	% MOISTURE	70320	26
FLUORENE	34384	8600U			%
OIETHYL PHTHALATE	34339	8600U			UG/KG
1,2-DIPHENYLHYDRAZINE 8/	34349	8600U			UG/KG
N-NITROSODIPHENYLAMINE 9/	34436	8600U			UG/KG
HEXACHLOROBENZENE	39701	8600U	dinoeb	17000U	UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	8600U			UG/KG
PHENANTHRENE	34464	8600U			UG/KG
ANTHRACENE	34223	8600U			UG/KG
DI-N-BUTYL PHTHALATE	39112	8600U			UG/KG
FLUORANTHENE	34379	8600U			UG/KG
PYRENE	34472	8600U			UG/KG
N-BUTYL BENZYL PHTHALATE	34295	8600U			UG/KG
BENZIDINE	39121	8600U			UG/KG

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 26,000 ug/kg

NOTES: 1) J-ESTIMATED VALUE

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

5) NA-COMPOND NOT ANALYZED FOR.

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

7) A-AVERAGE VALUE

8) AND/OR AZOBENZENE

9) AND/OR DIPHENYLAMINE

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

DATE: 11/12/81

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD,RGN.IV  
ATHENS,GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/03/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1405

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: VL-002 DRAINAGE TO BAYOU AT S CORNER OF LANDFILL

SAD NO.: 82C0232

CHEMIST: E.W. Loy, Jr. COMPLETED 11/10/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(CHLOROMETHYL) ETHER	34271	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39102	8000U
N-NITROSODIMETHYLAMINE	34441	NA	CHRYSENE	34323	8000U
1,2-DICHLOROBENZENE	34539	8000U	BENZO(A)ANTHRACENE	34529	8000U
1,3-DICHLOROBENZENE	34569	8000U	3,3'-DICHLOROBENZODIOXINE	34634	8000U
1,4-DICHLOROBENZENE	34574	8000U	DI-N-OCTYL PHTHALATE	34599	8000U
BIS(2-CHLOROETHYL) ETHER	34276	8000U	BENZO(B)FLUORANTHENE 10/	34233	8000U
HEXACHLOROETHANE	34399	8000U	BENZO(K)FLUORANTHENE 10/	34245	8000U
BIS(2-CHLOROISOPROPYL) ETHER	34286	8000U	BENZO-A-PYRENE	34250	8000U
N-NITROSODI-N-PROPYLAMINE	34431	8000U	INDENO[1,2,3-CD] PYRENE	34406	8000U
NITROHENZENE	34450	8000U	1,2,5,6-DIBENZANTHRACENE	34559	8000U
HEXACHLOROBUTADIENE	34705	8000U	BENZO(GHI)PERYLENE	34524	8000U
1,2,4-TRICHLOROBENZENE	34554	8000U	2-CHLOROPHENOL	34589	8000U
NAPHTHALENE	34445	8000U	2-NITROPHENOL	34594	8000U
BIS(2-CHLOROETHOXY) METHANE	34281	8000U	PHENOL (GC/MS)	34695	8000U
ISOPHORONE	34411	8000U	2,4-DIMETHYLPHENOL	34609	8000U
HEXACHLOROCYCLOPENTADIENE	34389	8000U	2,4,6-TRICHLOROPHENOL	34604	8000U
2-CHLORONAPHTHALENE	34584	8000U	PARACHLOROMETA CRESOL	34624	8000U
ACENAPHTHYLENE	34203	8000U	2,4-OINITROPHENOL	34455	8000U
ACENAPHTHENE	34208	8000U	4,6-DINITRO-O-CRESOL	34619	24000U
DI(METHYL PHTHALATE	34344	8000U	PENTACHLOROPHENOL	34660	24000U
2,4-DINITROTOLUENE	34614	8000U	4-NITROPHENOL	39061	24000U
2,6-DINITROTOLUENE	34629	8000U	% MOISTURE	34649	16000U
4-CHLOROPHENYL PHENYL ETHER	34644	8000U		70320	27
FLUORENE	34384	8000U			UG/KG
DIETHYL PHTHALATE	34339	8000U			UG/KG
1,2-OIPHENYLHYDRAZINE 8/	34349	8000U	atrazine		210000JN
N-NITROSODIPHENYLAMINE 9/	34436	8000U	cyanazine		210003JN
HEXACHLOROBENZENE	39701	8000U	dinoseb		16000U
4-BROMOPHENYL PHENYL ETHER	34639	8000U			UG/KG
PHENANTHRENE	34464	8000U			UG/KG
ANTHRACENE	34223	8000U			UG/KG
DI-N-BUTYL PHTHALATE	39112	8000U			UG/KG
FLUORANTHENE	34379	8000U			UG/KG
PYRENE	34472	8000U			UG/KG
N-BUTYL BENZYL PHTHALATE	34295	8000U			UG/KG
BENZIDINE	39121	8000U			UG/KG

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 24,000 ug/kg

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZOBENZENE

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

9) AND/OR OIPHENYLAMINE

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

5) NA-COMPOND NOT ANALYZED FOR.

DATE: 11/12/81

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD.RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED (DATE &amp; TIME): 10/03/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START (DATE &amp; TIME): 12/28/81 1430

CITY: VICKSBURG

STATE: MS

SAMPLE STOP (DATE &amp; TIME): 00/00/00 0

STATION: VL-003 DRAINAGE TO DITCH AT W CORNER OF LANDFILL

SAD NO.: 82C0233

CHEMIST: E.W. Loy, Jr. COMPLETED 11/10/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(1-CHLOROMETHYL) ETHER	34271	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39102	7600U UG/KG
N-NITROSOUDIMETHYLAMINE	34441	NA	CHRYSENE	34323	7600U UG/KG
1,2-DICHLOROBENZENE	34539	7600U	BENZO(A)ANTHRACENE	34529	7600U UG/KG
1,3-DICHLOROBENZENE	34569	7600U	3,3'-DICHLOROBENZIDINE	34634	7600U UG/KG
1,4-DICHLOROBENZENE	34574	7600U	DI-N-OCTYL PHTHALATE	34599	7600U UG/KG
BIS(2-CHLOROETHYL) ETHER	34276	7600U	BENZO(B)FLUORANTHENE 10%	34233	7600U UG/KG
HEXACHLOROETHANE	34399	7600U	BENZO(K)FLUORANTHENE 10%	34245	7600U UG/KG
BIS(2-CHLOROISOPROPYL) ETHER	34286	7600U	BENZO-A-PYRENE	34250	7600U UG/KG
N-NITROSOUDI-N-PROPYLAMINE	34431	7600U	INDENO (1,2,3-CD) PYRENE	34406	7600U UG/KG
NITROBENZENE	34450	7600U	1,2,5,6-DIBENZANTHACENE	34559	7600U UG/KG
HEXACHLOROBUTADIENE	34705	7600U	BENZO(GHI)PEKYLENE	34524	7600U UG/KG
1,2,4-TRICHLOROBENZENE	34554	7600U	2-CHLOROPHENOL	34589	7600U UG/KG
NAPHTHALENE	34449	7600U	2-NITROPHENOL	34594	7600U UG/KG
BIS(2-CHLOROETHOXY) METHANE	34281	7600U	PHENOL (GC/MS)	34695	7600U UG/KG
ISOPHORONE	34411	7600U	2,4-DIMETHYLPHENOL	34609	7600U UG/KG
HEXACHLOROCYCLOPENTADIENE	34389	7600U	2,4-DICHLOROPHENOL	34604	7600U UG/KG
2-CHLORONAPHTHALENE	34584	7600U	2,4,6-TRICHLOROPHENOL	34624	7600U UG/KG
ACENAPHTHYLENE	34203	7600U	PARACHLOROMETA CRESOL	34455	7600U UG/KG
ACENAPHTHENE	34208	7600U	2,4-DINITROPHENOL	34619	23000U UG/KG
DIMETHYL PHTHALATE	34344	7600U	4,6-DINITRO-O-CRESOL	34660	23000U UG/KG
2,4-DINITROTOLUENE	34614	7600U	PENTACHLOROPHENOL	39061	23000U UG/KG
2,6-DINITROTOLUENE	34629	7600U	4-NITROPHENOL	34649	15000U UG/KG
4-CHLOROPHENYL PHENYL ETHER	34644	7600U	% MOISTURE	70320	27 %
FLUORENE	34384	7600U			UG/KG
DIETHYL PHTHALATE	34339	7600U			UG/KG
1,2-DIPHENYLHYDRAZINE 8%	34349	7600U			UG/KG
N-NITROSOUDIPHENYLAMINE 9%	34436	7600U	atrazine		7600KN UG/KG
HEXACHLOROBENZENE	34701	7600U	dinoseb		15000KN UG/KG
4-BROMOPHENYL PHENYL ETHER	34639	7600U	cyanazine		7600KN UG/KG
PHENANTHRENE	34464	7600U			UG/KG
ANTHACENE	34223	7600U			UG/KG
DI-N-BUTYL PHTHALATE	39112	7600U			UG/KG
FLUORANTHENE	34379	7600U			UG/KG
PYRENE	34472	7600U			UG/KG
N-BUTYL BENZYL PHTHALATE	34295	7600U			UG/KG
BENZIDINE	39121	7600U			UG/KG

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 23000  $\mu$ G/KG

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZOBENZENE

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

9) AND/OR DIPHENYLAMINE

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

5) NA-COMPOND NOT ANALYZED FOR.

DATE: 11/12/81

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAD, RGN. IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 12/28/81 1135

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SBU-001 STANTS BAYOU UPSTREAM

SAD NO.: 82C0230

CHEMIST: E.W. Loy, Jr. COMPLETED 11/4/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(CHLOROMETHYL) ETHER	34268	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39100	12U
N-NITROSODIMETHYLAMINE	34438	NA	CHRYSENE	34320	12U
1,2-DICHLOROBENZENE	34536	12U	BENZO(A)ANTHRACENE	34526	12U
1,3-DICHLOROBENZENE	34566	12U	3,3'-DICHLOROBENZIDINE	34631	12U
1,4-DICHLOROBENZENE	34571	12U	DI-N-OCTYL PHTHALATE	34596	12U
BIS(2-CHLOROETHYL) ETHER	34273	12U	BENZO(B)FLUORANTHENE 10%	34230	12U
HEXACHLOROETHANE	34396	12U	BENZO(K)FLUORANTHENE 10%	34242	12U
BIS(2-CHLOROISOPROPYL) ETHER	34283	12U	BENZO-A-PYRENE	34247	12U
N-NITROSODI-N-PROPYLAMINE	34428	12U	INDENO (1,2,3-CD) PYRENE	34403	12U
NITROBENZENE	34447	12U	1,2,5,6-DIBENZANTHRACENE	34556	12U
HEXACHLOROBUTADIENE	39702	12U	BENZO(GH)PHEYLENE	34521	12U
1,2,4-TRICHLOROBENZENE	34551	12U	2-CHLOROPHENOL	34586	12U
NAPHTHALENE	34696	12U	2-NITROPHENOL	34591	12U
BIS(2-CHLOROETHOXY) METHANE	34278	12U	PHENOL (GC/MS)	34694	12U
ISOPHORONE	34408	12U	2,4-DIMETHYLPHENOL	34606	12U
HEXACHLOROCYCLOPENTADIENE	34386	12U	2,4-DICHLOROPHENOL	34601	12U
2-CHLORONAPHTHALENE	34581	12U	2,4,6-TRICHLOROPHENOL	34621	12U
ACENAPHTHYLENE	34200	12U	PARACHLOROMETA CRESOL	34452	12U
ACENAPHTHENE	34205	12U	2,4-DINITROPHENOL	34616	38U
DIMETHYL PHTHALATE	34341	12U	4,6-DINITRO-O-CRESOL	34657	38U
2,4-DINITROTOLUENE	34611	12U	PENTACHLOROPHENOL	39032	38U
2,6-DINITROTOLUENE	34626	12U	4-NITROPHENOL	34646	25U
4-CHLOROPHENYL PHENYL ETHER	34641	12U			5
FLUORENE	34381	12U			UG/L
DIETHYL PHTHALATE	34336	12U			12KN
1,2-DIPHENYLHYDRAZINE 8%	34346	12U			12KN
N-NITROSODIPHENYLAMINE 9%	34433	12U			25U
HEXACHLOROBENZENE	39700	12U			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	12U			UG/L
PHENANTHRENE	34461	12U			UG/L
ANTHRACENE	34220	12U			UG/L
DI-N-BUTYL PHTHALATE	39110	12U			UG/L
FLUORANTHENE	34376	12U			UG/L
PYRENE	34469	12U			UG/L
N-BUTYL BENZYL PHTHALATE	34292	12U			UG/L
BENZIDINE	39120	12U			UG/L

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF 38  $\mu$ g/L

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZOBENZENE

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

9) AND/OR DIPHENYLAMINE

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

5) NA-COMPUND NOT ANALYZED FOR.

DATE: 11/12/81

EXTRACTABLE ORGANIC ANALYSIS  
DATA REPORTING SHEET  
WATER

EPA-SAB,RGN.IV,  
ATHENS,GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 12/28/81 1600

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HRD-004 HATCHER BAYOU DOWNSTREAM

SAB NO.: 82C0234

CHEMIST: E.W. Loy, Jr. COMPLETED 11/10/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
BIS(CHLOROMETHYL) ETHER	34268	NA	BIS(2-ETHYLHEXYL) PHTHALATE	39100	12U
N-NITROSODIMETHYLAMINE	34438	NA	CHRYSENE	34320	12U
1,2-DICHLOROBENZENE	34536	12U	BENZO(A)ANTHRACENE	34526	12U
1,3-DICHLOROBENZENE	34566	12U	3,3'-DICHLOROBENZIDINE	34631	12U
1,4-DICHLOROBENZENE	34571	12U	DI-N-OCTYL PHTHALATE	34596	12U
BIS(2-CHLOROETHYL) ETHER	34273	12U	BENZO(B)FLUORANTHENE 10/	34230	12U
HEXACHLOROETHANE	34396	12U	BENZO(K)FLUORANTHENE 10/	34242	12U
BIS(2-CHLOROISOPROPYL) ETHER	34283	12U	BENZO-A-PYRENE	34247	12U
N-NITROSODI-N-PROPYLAMINE	34428	12U	INDENO (1,2,3-CD) PYRENE	34403	12U
NITROBENZENE	34447	12U	1,2,5,6-DIBENZANTHACENE	34556	12U
HEXACHLOROBUTADIENE	34702	12U	BENZO(GHI)PERYLENE	34521	12U
1,2,4-TRICHLOROBENZENE	34551	12U	2-CHLOROPHENOL	34586	12U
NAPHTHALENE	34696	12U	2-NITROPHENOL	34591	12U
BIS(2-CHLOROETHOXY) METHANE	34278	12U	PHENOL (GC/MS)	34694	12U
ISOPHORONE	34408	12U	2,4-DIMETHYLPHENOL	34606	12U
HEXACHLOROCYCLOPENTADIENE	34386	12U	2,4-DICHLOROPHENOL	34601	12U
2-CHLORONAPHTHALENE	34581	12U	2,4,6-TRICHLOROPHENOL	34621	12U
ACENAPHTHYLENE	34200	12U	PANACHLOROMETA CRESOL	34452	12U
ACENAPHTHENE	34205	12U	2,4-DINITROPHENOL	34616	38U
DIMETHYL PHTHALATE	34341	12U	4,6-DINITRO-O-CRESOL	34657	38U
2,4-DINITROTOLUENE	34611	12U	PENTACHLOROPHENOL	39032	38U
2,6-DINITROTOLUENE	34626	12U	4-NITROPHENOL	34646	25U
4-CHLOROPHENYL PHENYL ETHER	34641	12U			%
FLUORENE	34381	12U			UG/L
DIETHYL PHTHALATE	34336	12U	hexadecanoic acid	12KN	UG/L
1,2-DIPHENYLHYDRAZINE 8/	34346	12U	octadecanoic acid	12KN	UG/L
N-NITROSODIPHENYLAMINE 9/	34433	12U	dinoseb	25U	UG/L
HEXACHLOROBENZENE	39700	12U			UG/L
4-BROMOPHENYL PHENYL ETHER	34636	12U			UG/L
PHENANTHRENE	34461	12U			UG/L
ANTHACENE	34220	12U			UG/L
DI-N-BUTYL PHTHALATE	34110	12U			UG/L
FLUORANTHENE	34376	12U			UG/L
PYRENE	34469	12U			UG/L
N-BUTYL BENZYL PHTHALATE	34292	12U			UG/L
BENZIDINE	39120	12U			UG/L

NO OTHER ORGANIC COMPOUND DETECTED WITH AN ESTIMATED MINIMUM DETECTION LIMIT OF <sup>38</sup> µg/L

NOTES: 1) J-ESTIMATED VALUE

6) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

7) A-AVERAGE VALUE

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

8) AND/OR AZUBENZENE

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED.

9) AND/OR DIPHENYLAMINE

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

10) BENZO(B)FLUORANTHENE AND/OR BENZO(K)FLUORANTHENE

5) NA-COMPOND NOT ANALYZED FOR.

DATE: 11/12/81

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: B2-14 PROG ELEMENT #: HWSH

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1140

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 08/00/00 0

STATION: SBU-001 STANTS BAYOU UPSTREAM

SAD NO.: 82C0231

CHEMIST: E.W. Loy, Jr. COMPLETED 11-23-81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	6U	UG/KG	*	Atrazine
DIELDRIN	(10)39383	6U	UG/KG	*	Methyl Parathion
CHLORDANE (TECH. MIXTURE & METABOLITES)	39351	--	UG/KG	*	Diuron
P,P'-DDT	39301	10U	UG/KG	*	alpha-chlordane (11)(8)
P,P'-DDE	39321	10U	UG/KG	*	gamma-chlordane (11)(8)
P,P'-DDD	39311	10U	UG/KG	*	
ENDOSULFAN, ALPHA	34364	6U	UG/KG	*	
ENDOSULFAN, BETA	34359	10U	UG/KG	*	
ENDOSULFAN SULFATE	34354	90U	UG/KG	*	
ENDRIN	39393	10U	UG/KG	*	
ENDRIN ALDEHYDE	34369	NA	UG/KG	*	
HEPTACHLOR	39413	20U	UG/KG	*	
HEPTACHLOR EPOXIDE	39423	100U	UG/KG	*	
ALPHA-BHC	39076	20U	UG/KG	*	
BETA-BHC	34257	20U	UG/KG	*	
GAMMA-BHC (INDANE)	39343	20U	UG/KG	*	
DELTA-BHC	34262	20U	UG/KG	*	
PCB-1242 (AROCLOL 1242)	39499	300U	UG/KG	*	
PCB-1254 (AROCLOL 1254)	39507	80U	UG/KG	*	
PCB-1221 (AROCLOL 1221)	39491	300U	UG/KG	*	
PCB-1232 (AROCLOL 1232)	39495	300U	UG/KG	*	
PCB-1248 (AROCLOL 1248)	39503	300U	UG/KG	*	
PCB-1260 (AROCLOL 1260)	39511	80U	UG/KG	*	
PCB-1016 (AROCLOL 1016)	39514	300U	UG/KG	*	
TOXAPHENE	39403	200U	UG/KG	*	
TCDD (DIOXIN)	34678	NA	UG/KG	*	
% MOISTURE	70320	23.97	%	*	

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
- 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE

7) NA-COMPOUND NOT ANALYZED FOR

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

9) CONFIRMED BY GC/MS

10) REPORTED AS INDIVIDUAL COMPOUNDS

11) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 11/12/81

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

EPA-SAO-RGN-IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/26/81 1605

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HBD-004 HATCHER BAYOU DOWNSTREAM

SAD NO.: 82C0235

CHEMIST: E.W. Loy, Jr. COMPLETED 11/23/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	30U UG/KG	Atrazine	2000U	UG/KG
DIELDRIN	39383	30U UG/KG	Methyl Parathion	60U	UG/KG
CHLORDANE (TECH. MIXTURE & METABOLITES) <sup>(10)</sup>	39351	--- UG/KG	Diuron	300U	UG/KG
P,P'-DDT	39301	80U UG/KG	alpha-chlordane (II)	20U	UG/KG
P,P'-DDE	39321	80U UG/KG	gamma-chlordane (II)	20U	UG/KG
P,P'-DDD	39311	80U UG/KG		---	UG/KG
ENDOSULFAN, ALPHA	34364	30U UG/KG		---	UG/KG
ENDOSULFAN, BETA	34359	80U UG/KG		---	UG/KG
ENDOSULFAN SULFATE	34354	100U UG/KG		---	UG/KG
ENDRIN	39393	80U UG/KG		---	UG/KG
ENDRIN ALDEHYDE	34369	NA UG/KG		---	UG/KG
HEPTACHLOR	39413	30U UG/KG		---	UG/KG
HEPTACHLOR EPOXIDE	39423	70U UG/KG		---	UG/KG
ALPHA-BHC	39076	30U UG/KG		---	UG/KG
BETA-BHC	34257	30U UG/KG		---	UG/KG
GAMMA-BHC (LINDANE)	39343	30U UG/KG		---	UG/KG
DELTA-BHC	34262	30U UG/KG		---	UG/KG
PCB-1242 (AROCLOL 1242)	39499	300U UG/KG		---	UG/KG
PCB-1254 (AROCLOL 1254)	39507	500U UG/KG		---	UG/KG
PCB-1221 (AROCLOL 1221)	39491	300U UG/KG		---	UG/KG
PCB-1232 (AROCLOL 1232)	39495	300U UG/KG		---	UG/KG
PCB-1248 (AROCLOL 1248)	39503	300U UG/KG		---	UG/KG
PCB-1260 (AROCLOL 1260)	39511	500U UG/KG		---	UG/KG
PCB-1016 (AROCLOL 1016)	39514	300U UG/KG		---	UG/KG
TOXAPHENE	39403	2000U UG/KG		---	UG/KG
TCDD (DIOXIN)	34678	NA UG/KG		---	UG/KG
% MOISTURE	70320	25.53 %		---	%

NOTES: 1) J-ESTIMATED VALUE

7) NA-COMPOUND NOT ANALYZED FOR

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

9) CONFIRMED BY GC/MS

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

10) REPORTED AS INDIVIDUAL COMPOUNDS

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

11) CONSTITUENTS OF TECHNICAL CHLORDANE

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

DATE: 11/12/81

**PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/03/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1405

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: VL-002 DRAINAGE TO BAYOU AT S CORNER OF LANDFILL

SAD NO.: 82C0232

CHEMIST: E.W. Loy, Jr. COMPLETED 11/23/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39333	100U UG/KG	Atrazine (8)(9)		84,000 UG/KG
DIELDRIN	39383	600U UG/KG	Methyl Parathion		6000 UG/KG
CHLORDANE (TECH. MIXTURE & METABOLITES)	(10) 39351	---	Diuron		5000U UG/KG
P,P'-DDT	39301	1000U UG/KG	alpha-chlordan	(11)	300U UG/KG
P,P'-DDE	39321	1000U UG/KG	gamma-chlordan	(11)	2000 UG/KG
P,P'-DDD	39311	1000U UG/KG			UG/KG
ENDOSULFAN, ALPHA	34364	200U UG/KG			UG/KG
ENDOSULFAN, BETA	34359	700U UG/KG			UG/KG
ENDOSULFAN SULFATE	34354	1000U UG/KG			UG/KG
ENDRIN	39393	600U UG/KG			UG/KG
ENDRIN ALDEHYDE	34369	NA UG/KG			UG/KG
HEPTACHLOR	39413	100U UG/KG			UG/KG
HEPTACHLOR EPOXIDE	39423	400U UG/KG			UG/KG
ALPHA-BHC	39076	100U UG/KG			UG/KG
BETA-BHC	34257	100U UG/KG			UG/KG
GAMMA-BHC (LINDANE)	39343	100U UG/KG			UG/KG
DELTA-BHC	34262	100U UG/KG			UG/KG
PCB-1242 (AROCLOL 1242)	39499	2000U UG/KG			UG/KG
PCB-1254 (AROCLOL 1254) (8)	39507	2000 UG/KG			UG/KG
PCB-1221 (AROCLOL 1221)	39491	2000U UG/KG			UG/KG
PCB-1232 (AROCLOL 1232)	39495	2000U UG/KG			UG/KG
PCB-1248 (AROCLOL 1248)	39503	2000U UG/KG			UG/KG
PCB-1260 (AROCLOL 1260)	39511	2000U UG/KG			UG/KG
PCB-1016 (AROCLOL 1016)	39514	2000U UG/KG			UG/KG
TOXAPHENE (8)	39403	11,000 UG/KG			UG/KG
TCDD (DIOXIN)	34678	NA UG/KG			UG/KG
% MOISTURE	70320	26.70 %			%

NOTES: 1) J-ESTIMATED VALUE

7) NA-COMPOUND NOT ANALYZED FOR

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

9) CONFIRMED BY GC/MS

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

10) REPORTED AS INDIVIDUAL COMPOUNDS

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

11) CONSTITUENTS OF TECHNICAL CHLORDANE

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

DATE: 11/12/81

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE(DRY WT)

EPA-SAD,RGN.IV  
ATHENS,GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SOURCE: VERTAC CHEMICAL CO

CITY: VICKSBURG STATE: MS

STATION: VL-003 DRAINAGE TO DITCH AT W CORNER OF LANDFILL

SAD NO.: 82C0233

SAMPLE RECEIVED(DATE &amp; TIME): 10/03/81 800

SAMPLE START(DATE &amp; TIME): 12/28/81 1430

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: E.W. Loy, Jr. COMPLETED 11/23/81

COMPOUND	STORE#	UNITS		COMPOUND	STORE#	UNITS	
ALDRIN	39333	300U	UG/KG	Atrazine	(8)(9)	18,000	UG/KG
DIELDRIN	39383	2000U	UG/KG	Methyl Parathion	10000	UG/KG	
CHLORDANE (TECH: MIXTURE & METABOLITES) (10)	39351	—	UG/KG	Diuron	10,000U	UG/KG	
P,P'-DDT	39301	3000U	UG/KG	alpha-chlordane (11)	7000	UG/KG	
P,P'-DDE	39321	3000U	UG/KG	gamma-chlordane (11)	5000	UG/KG	
P,P'-DDD	39311	3000U	UG/KG		—	UG/KG	
ENDOSULFAN,ALPHA	34364	300U	UG/KG		—	UG/KG	
ENDOSULFAN,BETA	34359	2000U	UG/KG		—	UG/KG	
ENDOSULFAN SULFATE	34354	4000U	UG/KG		—	UG/KG	
ENDRHIN	39393	3000U	UG/KG		—	UG/KG	
ENRHIN ALDEHYDE	34369	NA	UG/KG		—	UG/KG	
HEPTACHLOR	39413	300U	UG/KG		—	UG/KG	
HEPTACHLOR EPOXIDE	39423	800U	UG/KG		—	UG/KG	
ALPHA-BHC	39076	300U	UG/KG		—	UG/KG	
BETA-BHC	34257	300U	UG/KG		—	UG/KG	
GAMMA-BHC (LINDANE)	39343	300U	UG/KG		—	UG/KG	
DELTA-BHC	34262	300U	UG/KG		—	UG/KG	
PCB-1242 (AROCLOL 1242)	39499	4000U	UG/KG		—	UG/KG	
PCB-1254 (AROCLOL 1254)	39507	10,000U	UG/KG		—	UG/KG	
PCB-1221 (AROCLOL 1221)	39491	4000U	UG/KG		—	UG/KG	
PCB-1232 (AROCLOL 1232)	39495	4000U	UG/KG		—	UG/KG	
PCB-1248 (AROCLOL 1248)	39503	4000U	UG/KG		—	UG/KG	
PCB-1260 (AROCLOL 1260)	39511	10,000U	UG/KG		—	UG/KG	
PCB-1016 (AROCLOL 1016)	39514	4000U	UG/KG		—	UG/KG	
TUXAPHENE (8)	39403	65,000	UG/KG		—	UG/KG	
TCDD (DIOXIN)	34678	NA	UG/KG		—	UG/KG	
% MOISTURE	70320	27.48	%		—	%	

NOTES: 1) J-ESTIMATED VALUE

- 2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
- 3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
- 4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED  
THE NUMBER IS THE MINIMUM DETECTION LIMIT.
- 5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
- 6) A-AVERAGE VALUE

7) NA-COMPUND NOT ANALYZED FOR

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

9) CONFIRMED BY GC/MS

10) REPORTED AS INDIVIDUAL COMPOUNDS

11) CONSTITUENTS OF TECHNICAL CHLORDANE

DATE: 11/12/81

**PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER**

EPA-SAU,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: AMBWA

SAMPLE START(DATE &amp; TIME): 12/28/81 1135

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SAU-001 STANTS BAYOU UPSTREAM

SAD NO.: 82C0230

CHEMIST: E.W. Loy, Jr. COMPLETED 11/23/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS
ALDRIN	39330	0.01U UG/L	Atrazine	1U	UG/L
DIELDRIN	(10)9380	0.01U UG/L	Methyl Parathion	0.05U	UG/L
CHLORDANE (TECH. MIXTURE & METABOLITES)	39350	UG/L	Diuron	4U	UG/L
P,P'-DDT	39300	0.01U UG/L	alpha-chlordane (11)	0.1U	UG/L
P,P'-DDE	39320	0.01U UG/L	gamma-chlordane (11)	0.1U	UG/L
P,P'-DDD	39310	0.01U UG/L		UG/L	
ENDOSULFAN, ALPHA	34361	0.01U UG/L		UG/L	
ENDOSULFAN, BETA	34356	0.01U UG/L		UG/L	
ENDOSULFAN SULFATE	34351	0.04U UG/L		UG/L	
ENDRIN	39340	0.01U UG/L		UG/L	
ENDRIN ALDEHYDE	34366	NA UG/L		UG/L	
HEPTACHLOR	39410	0.01U UG/L		UG/L	
HEPTACHLOR EPOXIDE	39420	0.01U UG/L		UG/L	
ALPHA-BHC	39337	0.03U UG/L		UG/L	
BETA-BHC	39338	0.03U UG/L		UG/L	
GAMMA-BHC (LINDANE)	39340	0.03U UG/L		UG/L	
DELTA-BHC	34259	0.03U UG/L		UG/L	
PCB-1242 (AROCOLOR 1242)	39496	0.2U UG/L		UG/L	
PCB-1254 (AROCOLOR 1254)	39504	0.05U UG/L		UG/L	
PCB-1221 (AROCOLOR 1221)	39488	0.2U UG/L		UG/L	
PCB-1232 (AROCOLOR 1232)	39492	0.2U UG/L		UG/L	
PCB-1248 (AROCOLOR 1248)	39500	0.2U UG/L		UG/L	
PCB-1260 (AROCOLOR 1260)	39508	0.05U UG/L		UG/L	
PCB-1016 (AROCOLOR 1016)	34671	0.2U UG/L		UG/L	
TOXAPHENE	39400	0.2U UG/L		UG/L	
TCDD (DIUOXIN)	34675	NA UG/L		UG/L	

NOTES: 1) J-ESTIMATED VALUE

7) NA-COMPOND NOT ANALYZED FOR

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

9) CONFIRMED BY GC/MS

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

10) REPORTED AS INDIVIDUAL COMPOUNDS

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

11) CONSTITUENTS OF TECHNICAL CHLORDANE

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

DATE: 11/12/81

PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS  
DATA REPORTING SHEET  
WATER

 EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/28/81 1600

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HBD-004 HATCHER BAYOU DOWNSTREAM

SAD NO.: 82C0234

CHEMIST: E.W. Loy, Jr. COMPLETED 11/23/81

COMPOUND	STORE#	UNITS	COMPOUND	STORE#	UNITS		
ALDRIN	39330	0.01U	UG/L	*	Atrazine	2U	UG/L
DIELDRIN	39380	0.02U	UG/L	*	Methyl Parathion	0.03U	UG/L
CHLORDANE (TECH. MIXTURE & METABOLITES)	(10) 39350	—	UG/L	*	Diuron	1U	UG/L
P,P'-DDT	39300	0.01U	UG/L	*	alpha-chlordane	0.02U	UG/L
P,P'-DDE	39320	0.01U	UG/L	*	gamma-chlordane	0.02U	UG/L
P,P'-DDD	39310	0.01U	UG/L	*		UG/L	UG/L
ENDOSULFAN,ALPHA	34361	0.02U	UG/L	*		UG/L	UG/L
ENDOSULFAN,BETA	34356	0.01U	UG/L	*		UG/L	UG/L
ENDOSULFAN SULFATE	34351	0.04U	UG/L	*		UG/L	UG/L
ENDRIN	39390	0.02U	UG/L	*		UG/L	UG/L
ENDRIN ALDEHYDE	34366	NA	UG/L	*		UG/L	UG/L
HEPTACHLOR	39410	0.01U	UG/L	*		UG/L	UG/L
HEPTACHLOR EPOXIDE	39420	0.01U	UG/L	*		UG/L	UG/L
ALPHA-BHC	39337	0.01U	UG/L	*		UG/L	UG/L
BETA-BHC	39338	0.01U	UG/L	*		UG/L	UG/L
GAMMA-BHC (LINDANE)	39340	0.01U	UG/L	*		UG/L	UG/L
DELTA-BHC	34259	0.01U	UG/L	*		UG/L	UG/L
PCB-1242 (AROCLOR 1242)	39496	0.2U	UG/L	*		UG/L	UG/L
PCB-1254 (AROCLOR 1254)	39504	0.05U	UG/L	*		UG/L	UG/L
PCB-1221 (AROCLOR 1221)	39488	0.2U	UG/L	*		UG/L	UG/L
PCB-1232 (AROCLOR 1232)	39492	0.2U	UG/L	*		UG/L	UG/L
PCB-1248 (AROCLOR 1248)	39500	0.2U	UG/L	*		UG/L	UG/L
PCB-1260 (AROCLOR 1260)	39508	0.05U	UG/L	*		UG/L	UG/L
PCB-1016 (AROCLOR 1016)	34671	0.2U	UG/L	*		UG/L	UG/L
TOXAPHENE	39400	0.2U	UG/L	*		UG/L	UG/L
TCDD (DIOXIN)	34675	NA	UG/L	*		UG/L	UG/L

NOTES: 1) J-ESTIMATED VALUE

7) NA-COMPOUND NOT ANALYZED FOR

2) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

8) CONFIRMED ON TWO DIFFERENT GC COLUMNS

3) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

9) CONFIRMED BY GC/MS

4) U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

10) REPORTED AS INDIVIDUAL COMPOUNDS

THE NUMBER IS THE MINIMUM DETECTION LIMIT.

11) CONSTITUENTS OF TECHNICAL CHLORDANE

5) N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

6) A-AVERAGE VALUE

DATE: 11/12/81

**METALS**  
**DATA REPORTING SHEET**  
**SEDIMENT/SOIL/SLUDGE(DRY WT)**

EPA-SAD, RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE START(DATE &amp; TIME): 12/28/81 1140

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SBU-001 STANTS BAYOU UPSTREAM

SAD NO.: 82C0231

CHEMIST: McDaniel COMPLETED 11/12/81

ELEMENT	STORE#	UNITS
SILVER	AG 01078	1U MG/KG
ARSENIC	AS 01093	16U MG/KG
BORON	B 01023	NA MG/KG
BARIUM	BA 01008	156 MG/KG
BERYLLIUM	BE 01013	4U MG/KG
CADMUM	CD 01028	4U MG/KG
COBALT	CO 01038	NA MG/KG
CHROMIUM	CR 01029	12 MG/KG
COPPER	CU 01043	8.8 MG/KG
MOLYBDENUM	MO 01063	8K MG/KG
NICKEL	NI 01068	12 MG/KG
LEAD	PB 01052	14 MG/KG
ANTIMONY	SB 01098	16U MG/KG
SELENIUM	SE 01148	16U MG/KG
TIN	SN 01103	NA MG/KG
STRONTIUM	SR 01083	61 MG/KG
TELLURIUM	TE 45513	NA MG/KG
TITANIUM	TI 01153	240 MG/KG
THALLIUM	TL 34480	4DU MG/KG
VANADIUM	V 01088	22 MG/KG
YTTRIUM	Y 45514	12 MG/KG
ZINC	ZN 01093	50 MG/KG
ZIRCONIUM	ZR 01163	NA MG/KG
MERCURY	HG 71921	0.12 MG/KG
ALUMINUM	AL 01108	7690 MG/KG
HANGANESE	MN 01053	3050 MG/KG
CALCIUM	CA 00917	71200 MG/KG
MAGNESIUM	MG 00924	5680 MG/KG
IRON	FE 01170	19900 MG/KG
SODIUM	NA 00934	160 MG/KG
CYANIDE	CN 00721	-- MG/KG
ASBESTOS	ASS8 34228	-- MG/KG
CHROMIUM,HEXAVALENT	CR(6)	--
% MOISTURE	M 70320	26 %

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
3) A-AVERAGE VALUE  
4) NA-ELEMENT NOT ANALYZED FOR  
5) U - None Detected; Number is Detection Limit.

DATE: 11/12/81

**METALS**  
**DATA REPORTING SHEET**  
**SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/28/81 1605

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HBD-004 HATCHER BAYOU DOWNSTREAM

SAD NO.: 82C0235

CHEMIST: McDaniel COMPLETED 11/12/81

ELEMENT	STORE#	UNITS
SILVER	AG 01078	1K MG/KG
ARSENIC	AS 01003	NA MG/KG
BORON	B 01023	NA MG/KG
BARIUM	BA 01008	195 MG/KG
BERYLLIUM	BE 01013	3K MG/KG
CADMUM	CD 01028	3K MG/KG
COBALT	CO 01038	NA MG/KG
CHROMIUM	CR 01029	170 MG/KG
COPPER	CU 01043	7.8 MG/KG
MOLYBDENUM	MO 01063	6K MG/KG
NICKEL	NI 01068	14 MG/KG
LEAD	PB 01052	21 MG/KG
ANTIMONY	SB 01098	NA MG/KG
SELENIUM	SE 01148	12K MG/KG
TIN	SN 01103	NA MG/KG
STRONTIUM	SR 01083	92 MG/KG
TELLURIUM	TE 45513	NA MG/KG
TITANIUM	TI 01153	213 MG/KG
THALLIUM	TL 34480	30K MG/KG
VANADIUM	V 01088	22 MG/KG
YTTRIUM	Y 45514	19 MG/KG
ZINC	ZN 01093	50 MG/KG
ZIRCONIUM	ZH 01163	NA MG/KG
MERCURY	HG 71921	0.10U MG/KG
ALUMINUM	AL 01108	6378 MG/KG
MANGANESE	MN 01053	3150 MG/KG
CALCIUM	CA 00917	116000 MG/KG
MAGNESIUM	MG 00924	8466 MG/KG
IRON	FE 01170	26043 MG/KG
SODIUM	NA 00934	400 MG/KG
CYANIDE	CN 00721	— MG/KG
ASBESTOS	ASSB 34228	— MG/KG
CHROMIUM,HEXAVALENT	CR(6)	—
% MOISTURE	M	70320 23 %

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
3) A-AVERAGE VALUE  
4) NA-ELEMENT NOT ANALYZED FOR  
5) U - None Detected; Number is Detection Limit.

DATE: 11/12/81

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SOURCE: VERTAC CHEMICAL CO

CITY: VICKSBURG STATE: MS

STATION: VL-002 DRAINAGE TO BAYOU AT S CORNER OF LANDFILL SAD NO.: 82C0232

**METALS**  
**DATA REPORTING SHEET**  
**SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAD,RGN.IV  
ATHENS, GA

SAMPLE RECEIVED(DATE & TIME): 10/03/81 800  
SAMPLE START(DATE & TIME): 12/28/81 1405  
SAMPLE STOP(DATE & TIME): 00/00/00 0  
CHEMIST: McDaniel COMPLETED 11/12/81

ELEMENT	STORE#	UNITS
SILVER	AG 01078	1U MG/KG
ARSENIC	AS 01003	16U MG/KG
BORON	B 01023	NA MG/KG
BARIUM	BA 01008	213 MG/KG
BERYLLIUM	BE 01013	4U MG/KG
CADMUM	CD 01028	4U MG/KG
COBALT	CO 01038	NA MG/KG
CHROMIUM	CR 01029	30 MG/KG
COPPER	CU 01043	17 MG/KG
MOLYBDENUM	MO 01063	8U MG/KG
NICKEL	NI 01068	23 MG/KG
LEAD	PB 01052	20 MG/KG
ANTIMONY	SB 01098	16U MG/KG
SELENIUM	SE 01148	16U MG/KG
TIN	SN 01103	NA MG/KG
STRONTIUM	SR 01083	42 MG/KG
TELLURIUM	TE 45513	NA MG/KG
TITANIUM	TI 01153	441 MG/KG
THALLIUM	TL 34480	400 MG/KG
VANADIUM	V 01088	41 MG/KG
YTTRIUM	Y 45514	14 MG/KG
ZINC	ZN 01093	67 MG/KG
ZIRCONIUM	ZR 01163	NA MG/KG
MERCURY	HG 71921	0.12 MG/KG
ALUMINUM	AL 01108	14765 MG/KG
MANGANESE	MN 01053	1265 MG/KG
CALCIUM	CA 00917	38850 MG/KG
MAGNESIUM	MG 00924	10134 MG/KG
IRON	FE 01170	22988 MG/KG
SODIUM	NA 00934	210 MG/KG
CYANIDE	CN 00721	— MG/KG
ASBESTOS	ASSB 34228	— MG/KG
CH(6)		
% MOISTURE	M 70320	25 %

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
3) A-AVERAGE VALUE  
4) NA-ELEMENT NOT ANALYZED FOR  
5) U - None Detected; Number is Detection Limit.

DATE:11/12/81

**METALS**  
**DATA REPORTING SHEET**  
**SEDIMENT/SOIL/SLUDGE (DRY WT)**

EPA-SAD,RGN.IV  
ATHENS,GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SOURCE: VERTAC CHEMICAL CO

SAMPLE TYPE: SEDIM

SAMPLE RECEIVED(DATE &amp; TIME): 10/03/81 800

CITY: VICKSBURG

STATE: MS

SAMPLE START(DATE &amp; TIME): 12/28/81 1430

STATION: VL-003 DRAINAGE TO DITCH AT W CORNER OF LANDFILL SAD NO.: 82C0233

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

CHEMIST: McDaniel COMPLETED 11/12/81

ELEMENT	STORE#	UNITS
SILVER	AG 01078	1U MG/KG
ARSENIC	AS 01003	NA MG/KG
BORON	B 01023	NA MG/KG
BARIUM	BA 01008	211 MG/KG
BERYLLIUM	BE 01013	3U MG/KG
CADMUM	CD 01028	3U MG/KG
COBALT	CO 01038	NA MG/KG
CHROMIUM	CR 01029	22 MG/KG
COPPER	CU 01043	15 MG/KG
MOLYBDENUM	MO 01063	60 MG/KG
NICKEL	NI 01068	23 MG/KG
LEAD	PB 01052	20 MG/KG
ANTIMONY	SB 01098	NA MG/KG
SELENIUM	SE 01148	12U MG/KG
TIN	SN 01103	NA MG/KG
STRONTIUM	SR 01083	30 MG/KG
TELLURIUM	TE 45513	NA MG/KG
TITANIUM	TI 01153	561 MG/KG
THALLIUM	TL 34480	NA MG/KG
VANADIUM	V 01088	46 MG/KG
YTTRIUM	Y 45514	14 MG/KG
ZINC	ZN 01093	64 MG/KG
ZIRCONIUM	ZR 01163	NA MG/KG
MERCURY	HG 71921	0.10U MG/KG
ALUMINUM	AL 01108	15843 MG/KG
MANGANESE	MN 01053	1589 MG/KG
CALCIUM	CA 00917	15453 MG/KG
MAGNESIUM	MG 00924	6340 MG/KG
IRON	FE 01170	24327 MG/KG
SODIUM	NA 00934	660 MG/KG
CYANIDE	CN 00721	— MG/KG
ASBESTOS	ASSB 34228	— MG/KG
CHROMIUM,HEXAVALENT	CR(6)	—
% MOISTURE	M 70320	23 %

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
3) A-AVERAGE VALUE  
4) NA-ELEMENT NOT ANALYZED FOR  
5) U - None Detected; Number is Detection Limit.

DATE: 11/12/81

METALS  
DATA REPORTING SHEET  
WATER

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/28/81 1135

CITY: VICKSBURG

STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: SBU-001 STANTS BAYOU UPSTREAM

SAD NO.: 82C0230

CHEMIST: McDaniel COMPLETED 11/4/81

ELEMENT	STORE#	UNITS
SILVER	AG 01077	10U UG/L
ARSENIC	AS 01002	50U UG/L
BORON	B 01022	NA UG/L
BARIUM	BA 01007	64 UG/L
BERYLLIUM	BE 01012	10U UG/L
CADMUM	CD 01027	10U UG/L
COBALT	CO 01037	20U UG/L
CHROMIUM	CR 01034	10U UG/L
COPPER	CU 01042	10U UG/L
MOLYBDENUM	MO 01062	20U UG/L
NICKEL	NI 01067	30U UG/L
LEAD	PB 01051	40U UG/L
ANTIMONY	SB 01097	40U UG/L
SELENIUM	SE 01147	50U UG/L
TIN	SN 01102	100U UG/L
STRONTIUM	SR 01082	88 UG/L
TELLURIUM	TE 01064	40U UG/L
TITANIUM	TI 01152	21 UG/L
THALLIUM	TL 01059	100U UG/L
VANADIUM	V 01087	10U UG/L
YTTRIUM	Y 01203	10U UG/L
ZINC	ZN 01092	10U UG/L
ZIRCONIUM	ZR 01162	NA UG/L
MERCURY	HG 71900	0.2U UG/L
ALUMINUM	AL 01105	875 MG/L
MANGANESE	MN 01055	173 UG/L
CALCIUM	CA 00916	32 MG/L
MAGNESIUM	MG 00927	8.9 MG/L
IRON	FE 74010	1.1 MG/L
SODIUM	NA 00929	6.3 MG/L
CYANIDE	CN 00720	NA MG/L
ASBESTOS	ASSH 34225	NA F/L
CHROMIUM,HEXAVALENT	CR(6) 01032	NA UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR  
 5) U - None Detected; Number is Detection Limit.

DATE: 11/12/81

METALS  
DATA REPORTING SHEET  
WATER

EPA-SAD,RGN.IV  
ATHENS, GA

PROJECT #: 82-14 PROG ELEMENT #: HWSR

SAMPLE RECEIVED(DATE &amp; TIME): 10/30/81 800

SOURCE: VERTAC CHEMICAL CO

SAMPLE START(DATE &amp; TIME): 12/28/81 1600

CITY: VICKSBURG STATE: MS

SAMPLE STOP(DATE &amp; TIME): 00/00/00 0

STATION: HBD-004 MATCHER BAYOU DOWNSTREAM

SAD NO.: 82C0234

CHEMIST: McDaniel COMPLETED 11/4/81

ELEMENT	STORE#	UNITS
SILVER	AG 01077	100 UG/L
ARSENIC	AS 01002	50U UG/L
HORON	B 01022	NA UG/L
HARIUM	BA 01007	112 UG/L
MERYLLIUM	BE 01012	10U UG/L
CADMUM	CD 01027	10U UG/L
COBALT	CO 01037	20U UG/L
CHROMIUM	CR 01034	10U UG/L
COPPER	CU 01042	17 UG/L
MOLYHDENUM	MO 01062	20U UG/L
NICKEL	NI 01067	30U UG/L
LEAD	PB 01051	40U UG/L
ANTIMONY	SB 01097	40U UG/L
SELENIUM	SE 01147	50U UG/L
TIN	SN 01102	100U UG/L
STRONTIUM	SR 01082	122 UG/L
TELLURIUM	TE 01064	40U UG/L
TITANIUM	TI 01152	36 UG/L
THALLIUM	TL 01059	100U UG/L
VANADIUM	V 01087	10U UG/L
YTTRIUM	Y 01203	10U UG/L
ZINC	ZN 01092	17 UG/L
ZIRCONIUM	ZR 01162	NA UG/L
MERCURY	HG 71900	0.2U UG/L
ALUMINUM	AL 01105	1500 UG/L
MANGANESE	MN 01055	228 UG/L
CALCIUM	CA 00916	34 MG/L
MAGNESIUM	MG 00927	14 MG/L
IRON	FE 74010	1.8 MG/L
SODIUM	NA 00929	127 MG/L
CYANIDE	CN 00720	NA MG/L
ASBESTOS	ASSB 34225	NA F/L
CHROMIUM,HEXAVALENT	CR(6) 01032	NA UG/L

- NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
 2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.  
 3) A-AVERAGE VALUE  
 4) NA-ELEMENT NOT ANALYZED FOR  
 5) U - None Detected; Number is Detection Limit.

DATE: 11/12/81

US EPA REGION IV S&A DIVISION  
LABORATORY SERVICES BRANCH  
DATA REPORTING SHEET  
82C0230 - 82C0235  
PROJECT # 82-14 \*\*\*PROG ELEMENT # HWSR

SOURCE: VERTAC CHEMICAL CO

CITY : VICKSBURG STATE: MS

CHEMIST:

SAMPLE RECEIVED DATE & TIME: 10/30/81 800

COMPLETED: 11-25-81

SAD NO.	STATION	DATE & TIME SAMPLED	SAMPLE TYPE	ANALYSES TO BE RUN	:ORGs	:PEST	:VOA	:METSCUG/L	:CN	MG/L	:HG	UG/L
82C0230	SBU-001 STANTS BAYOU UPST REAM	12/28/81- 1135- 00/00/00	AMBWA							.002K		
82C0231	SBU-001 STANTS BAYOU UPST REAM	12/28/81- 1140- 00/00/00	SEDIM		:ORGs	:PEST	:VOA	:METSCMG/KG:CN	MG/KG:HG	MG/KG:		
82C0232	VL-002 DRAINAGE TO BAYOU AT S CORNER OF LANDFILL	12/28/81- 1405- 00/00/00	SEDIM		:ORGs	:PEST	:VOA	:METSCMG/KG:CN	MG/KG:HG	MG/KG:		
82C0233	VL-003 DRAINAGE TO DITCH AT W CORNER OF LANDFILL	12/28/81- 1430- 00/00/00	SEDIM		:ORGs	:PEST	:VOA	:METSCMG/KG:CN	MG/KG:HG	MG/KG:		
82C0234	HBD-004 HATCHER BAYOU DOW NSTREAM	12/28/81- 1600- 00/00/00	AMBWA		:ORGs	:PEST	:VOA	:METSCUG/L	:CN	MG/L	:HG	UG/L

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.

2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

:T-PHOMG/L : Temp(°C): pH(SU):

: 98 : 15.9 : 6.9 :

DATE: 11/12/81

US EPA REGION IV SEA DIVISION  
LABORATORY SERVICES BRANCH  
DATA REPORTING SHEET  
82C0230 - 82C0235  
PROJECT # 82-14 \*\*\*PROG ELEMENT # HWSR

SOURCE: VERTAC CHEMICAL CO

SAMPLE RECEIVED DATE & TIME: 10/30/81 800

CITY : VICKSBURG STATE: MS

CHEMIST:

COMPLETED: 11-25-81

SAD NO.	STATION	DATE & TIME		SAMPLE		ANALYSES TO BE RUN	:HETSCMG/KG:CN	MG/KG:HG	MG/KG:
		SAMPLED	TYPE	:ORGs	:PEST				
82C0235	HBD-004 HATCHER BAYOU DOW NSTREAM	12/28/81- 00/00/00	1605- 0	SEDIM	:ORGs	:PEST	:VOA	:HETSCMG/KG:CN	MG/KG:HG

NOTES: 1) K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.  
2) L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.

**CHAIN OF CUSTODY RECORD**

## CHAIN OF CUSTODY RECORD

REGION 4  
College Station Road  
Athens, Georgia 30603

PROJ. NO.	PROJECT NAME Vicksburg Chemicals					NO. OF CONTAINERS	REMARKS					
SAMPLERS: (Signature)	Vicksburg, MS Kathy L. Hough Carol Hough						1	2	3	4	5	6
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		Vortex	metalloc-Hg	C/N	Dry ice	Spec. metals	Total Pb
SLC-001	10/28/81	1135		X	Shore Bayou upstream	1	1	1	1	1	1	305, 306, 307, 308, 309, 310, 311
" "	" "	1140		X	" " "					1	1	310, 311
VL-002	10/28/81	1905		X	Drainage to Bayou at south							
VL-003	10/28/81	1430		+	corner at bottom					1	1	319, 320
VL-003	10/28/81	1430		X	Drainage to ditch at					1	1	323, 324
					west corner of landfill							
HED-aq	10/29/81	1600		X	Hartley Bayou downstream	1	1	1	1	1	1	327-331
" "	" "	1605		X	" " " "					1	1	332, 333
Relinquished by: (Signature)		Date / Time	Received by: (Signature)			Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
		10/29/81 1900										
Relinquished by: (Signature)		Date / Time	Received by: (Signature)			Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature)			Date / Time	Remarks		Sealed sample left in hall by custody room.			